

### Recombinant Human IFNAR2 protein (Fc Chimera) ab83680

画像数 3

#### 製品の詳細

製品名	Recombinant Human IFNAR2 protein (Fc Chimera)
生理活性	ab83680 bound to protein A sepharose beads was able to pull down its ligand, IFNα2b.
精製度	> 95 % SDS-PAGE.
発現系	HEK 293 cells
アクセッション番号	<b><u>P48551</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>Theoretical Sequence</p> <p>ISYDSPDYTDESCTFKISLRNFRSILSWELKNHSIVPTHYTL  LYTIMSKP  EDLKVVKNcanttrsfcdltdewrstheayvtvlegfsgntt  LFSCSHNF  WLAIDMSFEPPEFEIVGFTNHINVMVKFPSIVEEELQFDLSL  VIEEQSEG  IVKKHKPEIKGNMSGNFTYIIDKLIPNTNYCVSVYLEHSDEQ  AVIKSPLK  CTLLPPGQESESAESAAGSSNTKVDKKVEPKSCDKTHTCPPC  PAPELLGG  PSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV  DGVEVHNA  KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP  APIEKTIS  KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAV  EWESNGQP  ENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMH  EALHNHYT QKSLSLSPGK</p>

領域	1 to 243
配列の追加情報	Fused with the Fc region of Human IgG1 at the C-terminus.

#### 特性

Our **Abpromise guarantee** covers the use of **ab83680** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

#### アプリケーション

Functional Studies

SDS-PAGE

#### 製品の状態

Lyophilized

#### 備考

ab83680 bound to protein A sepharose beads was able to pull down its ligand, IFN $\alpha$ 2b.

#### 前処理および保存

##### 保存方法および安定性

Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

Constituents: PBS, 1% Human serum albumin, 10% Trehalose

##### 再構成

It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

#### 関連情報

##### 機能

Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 is a potent inhibitor of type I IFN receptor activity.

##### 組織特異性

Isoform 3 is detected in the urine (at protein level). Expressed in blood cells. Expressed in lymphoblastoid and fibrosarcoma cell lines.

##### 配列類似性

Belongs to the type II cytokine receptor family.

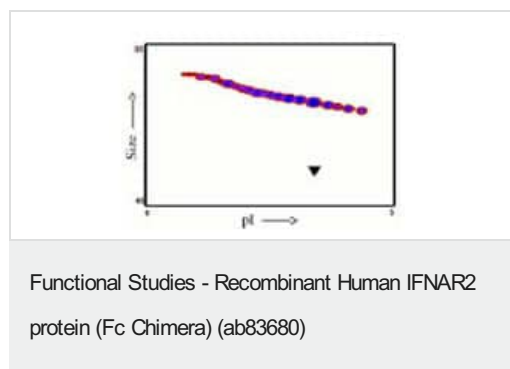
##### 翻訳後修飾

Phosphorylated on tyrosine residues upon interferon binding. Phosphorylation at Tyr-337 or Tyr-512 are sufficient to mediate interferon dependent activation of STAT1, STAT2 and STAT3 leading to antiproliferative effects on many different cell types.  
Glycosylated.

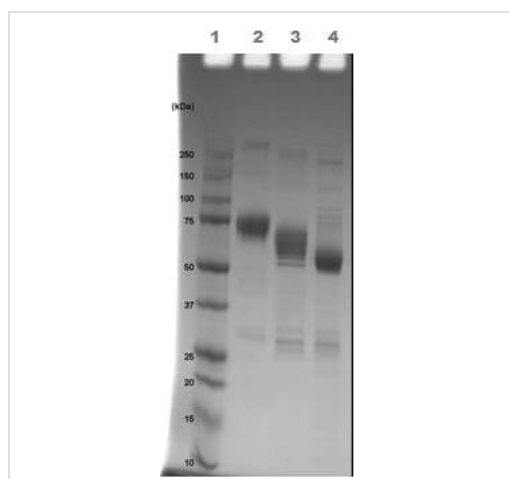
##### 細胞内局在

Secreted and Membrane.

#### 画像



Densitometry of protein isoforms visualised by 2-DE. The triangle indicates the theoretical MW and pI of the protein.

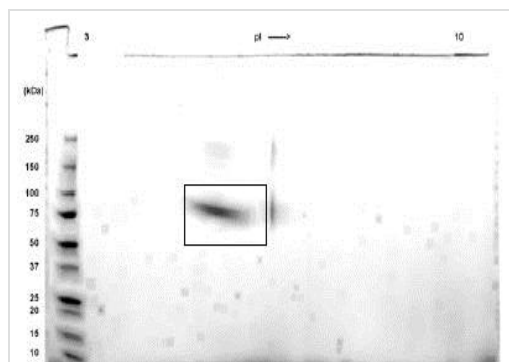


SDS-PAGE - Recombinant Human IFNAR2 protein  
(Fc Chimera) (ab83680)

1D SDS-PAGE of ab83680 before and after treatment with glycosidases to remove oligosaccharides.

Lane 1 MW markers; Lane 2 ab83680; Lane 3 ab83680 treated with PNGase F to remove potential N-linked glycans; Lane 4 ab83680 treated with a glycosidase cocktail to remove potential N- and O-linked glycans. Approximately 5 µg of protein was loaded per lane.

Drop in MW after treatment with PNGase F indicates presence of N-linked glycans. A further drop in MW after treatment with the glycosidase cocktail indicates the presence of O-linked glycans. Additional bands in lane 3 and lane 4 are glycosidase enzymes.



SDS-PAGE - Recombinant Human IFNAR2 protein  
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A sample of ab83680 without carrier protein was reduced and alkylated and focused on a 3-10 IPG strip then run on a 4-20% Tris-HCl 2D gel. Approximately 40 µg of protein was load; Gel was stained using Deep Purple™.

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