

# Recombinant human Soluble TNF Receptor II protein ab640

## 1 References

### 製品の詳細

製品名	Recombinant human Soluble TNF Receptor II protein
生理活性	Determined by its inhibitory effect of the TNF- $\alpha$ mediated cytotoxicity in murine L-929 cells. The ED <sub>50</sub> for this effect in the presence of 0.25 ng/ml of Recombinant Human TNF- $\alpha$ , is 0.125 $\mu$ g/mL.
精製度	> 98 % SDS-PAGE. Sterile filtered. Greater than 98% pure by SDS-PAGE and HPLC analyses.
エンドトキシン・レベル	< 0.100 Eu/ $\mu$ g
発現系	Escherichia coli
アクセッション番号	<b>P20333</b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MAPEPGSTCR LREYYDQTAQ MCCSKCSPGQ HAKVFCTKTS DTVCDSCEDS TYTQLWNWVP ECLSCGSRCS SDQVETQACT REQNRICTCR PGWYCALSKQ EGCRLCAPLR KCRPGFGVAR PGTETSDVVC KPCAPGTFSN TTSSTDICRP HQICNVVAIP GNASMDAVCT STSP
予測される分子量	19 kDa

### 特性

Our **Abpromise guarantee** covers the use of **ab640** 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	SDS-PAGE Functional Studies
製品の状態	Lyophilized

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -
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80°C. Avoid freeze / thaw cycle.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

#### 再構成

Reconstitute by adding 200ul dH2O

#### 関連情報

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##### 機能

Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.

##### 配列類似性

Contains 4 TNFR-Cys repeats.

##### 翻訳後修飾

Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.

##### 細胞内局在

Secreted and Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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