

Product datasheet

# Recombinant Human Huntingtin Interacting Protein HIP1 ab114964

画像数 1

製品の概要

製品名	Recombinant Human Huntingtin Interacting Protein HIP1
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Wheat germ

アミノ酸配列

アクセッション番号 [O00291](#)

生物種 Human

配列 MDRMASSMKQVPNPLPKVLSRRGVGAGLEAAERESFERTQTVSINKAINT  
QEAVAKEKHARTCILGTHHEKGAQTFWSVVNRLPLSSNAVLCWKFCHVFNH  
KLLRDGHPNVLKDSLRYRNELSDMSRMWGHLESEYGYQLCSIYLLKLLRTKM  
EYHTKNPRFPGNLQMSDRQLDEAGESDVNFFQLTVEMFDYLECELNLFQ  
TVFNSLDMSRSVSVTAAGQCRLAPLIQVILDCSHLYDYTVKLLFKLHSCLE  
PADTLQGHRDRFMEQFTKLKDLFYRSSLNLYFKRLIQIPQLPENPPNFLR  
ASALSEHISPVVVIPEAASSPDSEPVLEKDDLMDMDASQQNLFDNKFDDI  
FGSSFSSDPFNFNSQNGVKNDEKDHLIERLYREISGLKAQLENMKTESQR  
VVLQKKGHVSELEADLAEQQHLRQQAADDCEFLRAELDELRRQREDTEKA  
QRSLSEIERKAQANEQRYSKLKEKYSSELVQNHADLLRKNAEVTKQVSMAR  
QAQVDLEREKKELEDSLERSDQQRKTQEQLVLESLKQELATSQRELQ  
VLQGSLETSAQSEANWAAEFAELEKERDSLVSAAHREEELSALRKELQD  
TQLKLASTEESMCQLAKDQRKMLLVGSRKAAEQVIQDALNQLPEEPLISC  
AGSADHLLSTVTSISSCIEQLEKSWSQLACPEDISGLLHSITLLAHLTS  
DAIAHGATTCLRAPPADSLTEACKQYGRETAYLASLEEEGLENADS  
TAMRNLSKIKAIAGEELLPRGLDIKQEELGDLVDKEMAATSAAIETATAR  
IEEMLSKSRAGDTGVKLEVNERILGCCTSLMQAIQVLIVASKDLQREIVE  
SGRGTASPKFAYAKNSRWTEGLISASKAVGWGATVMVDAADLVVQGRGKF  
EELMVCSEIAASTAQLVAASKVKADKDPNLAQLQASRGVNQATAGVV  
ASTISGKSQIEETDNMDFSSMTLTQIKRQEMDSQVRVLELENELQKERQK  
LGELRKKHYELAGVAEGWEEGTEASPPTLQEVVTEKE

分子量 140 kDa including tags

## 特性

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Our [Abpromise guarantee](#) covers the use of **ab114964** 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

ELISA

SDS-PAGE

Western blot

### 製品の状態

Liquid

### 備考

Protein concentration is above or equal to 0.05 mg/ml.

Best used within three months from the date of receipt.

## 前処理および保存

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### 保存方法および安定性

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## 関連情報

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### 機能

Plays a role in clathrin-mediated endocytosis and trafficking. Involved in regulating AMPA receptor trafficking in the central nervous system in an NMDA-dependent manner. Enhances androgen receptor (AR)-mediated transcription. May act as a proapoptotic protein that induces cell death by acting through the intrinsic apoptosis pathway. Binds 3-phosphoinositides (via ENTH domain). May act through the ENTH domain to promote cell survival by stabilizing receptor tyrosine kinases following ligand-induced endocytosis. May play a functional role in the cell filament networks. May be required for differentiation, proliferation, and/or survival of somatic and germline progenitors.

### 組織特異性

Ubiquitously expressed with the highest level in brain. Expression is up-regulated in prostate and colon cancer.

### 関連疾患

Note=A chromosomal aberration involving HIP1 is found in a form of chronic myelomonocytic leukemia (CMML). Translocation t(5;7)(q33;q11.2) with PDGFRB. The chimeric HIP1-PDGFRB transcript results from an in-frame fusion of the two genes. The reciprocal PDGFRB-HIP1 transcript is not expressed.

### 配列類似性

Belongs to the SLA2 family.

Contains 1 ENTH (epsin N-terminal homology) domain.

Contains 1 I/LWEQ domain.

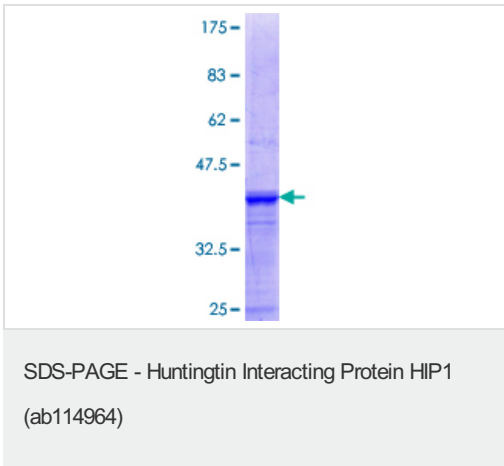
### ドメイン

The pseudo DED region (pDED) mediates the interaction with IFT57.

Binds F-actin via the talin-like I/LWEQ domain.

### 細胞内局在

Cytoplasm. Nucleus. Endomembrane system. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Shuttles between cytoplasm and nucleus. Nuclear translocation can be induced by AR.



12.5% SDS-PAGE showing ab114964 at approximately 140.14kDa.  
Stained with Coomassie Blue.

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