

Recombinant Human HIP1 protein, His & T7-tagged

Cat. No. HIP1-1738H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIP1 aa. (Leu817~Glu1037 (Accession # O00291)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu817~Glu1037 (Accession # O00291)
Description	The product of this gene is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein binds to the huntingtin protein in the brain; this interaction is lost in Huntington's disease. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

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GENE INFORMATION

Gene Name

HIP1 huntingtin interacting protein 1 [Homo sapiens (human)]

Official Symbol

HIP1

Synonyms

HIP1; huntingtin interacting protein 1; SHON; HIP-I; ILWEQ; SHONbeta; SHONgamma; huntingtin-interacting protein 1; huntingtin-interacting protein I

Gene ID

3092

mRNA Refseq

NM_001243198.2

Protein Refseq

NP_001230127.1

UniProt ID

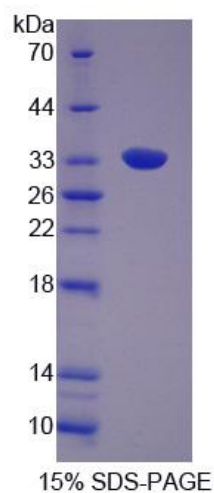
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SDS-PAGE



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