

Huntingtin Recombinant Protein | HTT recombinant protein

Recombinant Huntingtin (HTT)

CATALOG # AAA20989	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
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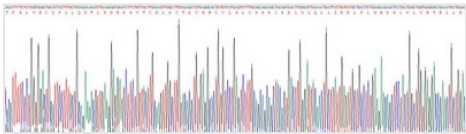
PRODUCT SYNONYMS

Huntingtin; Recombinant Huntingtin (HTT); HTT recombinant protein

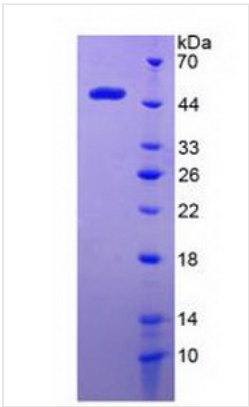
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	>90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01%, SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for HTT recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Thr782~Phe920
Tags	N-terminal His and GST Tag
Subcellular Location	Nucleus, Cytoplasm
Purity	> 90%
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree 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.

IMAGES



Gene Sequencing (Extract)



SDS-PAGE

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TFSLVDCIP LLQKTLKDES SVTCKLACTA VRHCVLSLCS SSYSDLGLQL
LIDMLPLKNS SYMLVRTELL DTLAEIDFRL VSFLEAKAES LHRGAHHYTG
FLKLQERVLN NVVIYLLGDEDPRVRHVAAT SLTRLVPKLF
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	90903231
NCBI GeneID	3064
NCBI Accession #	NP_002102.4
NCBI GenBank Nucleotide #	NM_002111.7
Molecular Weight	Predicted Molecular Mass: 45.7kDa Accurate Molecular Mass: 46kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	huntingtin
NCBI Official Synonym Full Names	huntingtin
NCBI Official Symbol	HTT
NCBI Official Synonym Symbols	HD; IT15
NCBI Protein Information	huntingtin
UniProt Protein Name	Huntingtin
UniProt Gene Name	HTT
UniProt Synonym Gene Names	HD; IT15; HD protein
UniProt Entry Name	HD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/htt-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20989>