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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HIP1 (Human) Recombinant Protein (P01)

Catalog Number: H00003092-P01

Regulation Status: For research use only (RUO)

Product Description: Human HIP1 full-length ORF (NP_005329.3, 1 a.a. - 1037 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDRMASMKQVPNPLPKVLSRRGVGAGLEAAERESF
ERTQTVSINKAINTQEVAVKEKHARTCILGTHHEKGAQ
TFWSVVNRLPLSSNAVLCWKVCHVFHKLRLDGHNVL
KDSLRYRNELSDMSRMWGHLSSEGYGQLCSIYKLLRT
KMEYHTKNPRFPGNLQMSDRQLDEAGESDVNNFFQL
TVEMFDYLECELNLFQTVFNSLDMSRSVSVTAAGQCR
LAPLIQVILDCSHLYDYTVKLLFKLHSCLPADTLQGHDR
RFMEQFTKLDLFYRSSNLQYFKRLIQIPQLENPPNF
LRASALSEHISPVVVIPAEASSPDSEPVLEKDDLMDMD
ASQQNLFDNKFDDIFGSSFSDFNFNSQNGVKNKDEK
DHLIERLYREISGLKAQLENMKTESQRVVLQKGVHSE
LEADLAEQQHLRQQAADDCEFLRAELDELRRQREDTE
KAQRSLSEIERKAQANEQRYSKLKEKYSSELVQNHADL
LRKNAEVTQVSMARQAQVDLEREKKELEDSELRISD
QGQRKTQEQLVLESLKQELATSQRELQVLQGSLETS
AQSEANWAAEFAELEKERDLSVSGAAHREEELSALRK
ELQDTQLKLASTEESMCQLAKDQRKMLLVGSRKAAEQ
VIQDALNQLLEPPLISCAGSADHLLSTVTSISSCIEQLEK
SWSQYLACPEDISGLLHSITLLAHLTSDAIAHGATTCLR
APPEPADSLTEACKQYGRETAYLASLEEEGLENAD
STAMRNCLSKIKAIGEELLPRGLDIKQEELGDLVDKEM
AATSAAIETATARIEEMLSKSRAGDTGVKLEVNERILGC
CTSLMQAIQVLIVASKDLQREIVESGRGTASPKEFYAK
NSRWTEGLISASKAVGWGATVMVDAADLVVQGRGKF
EELMVCSHEIAASTAQLVAASKVKADKDPNLAQLQQ
ASRGVNQATAGVVASTISGKSQIEETDNMDFSSMTLT
QIKRQEMDSQVRVLELENELOKQERQKLGELRKKHYEL
AGVAEGWEEGTEASPPTLQEVVTEKE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 142.6

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3092

Gene Symbol: HIP1

Gene Alias: ILWEQ, MGC126506

Gene Summary: The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined. [provided by RefSeq]