

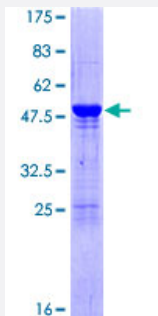
Full-Length

HIP2 (Human) Recombinant Protein (P02)

Catalog # H00003093-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HIP2 full-length ORF (NP_005330.1, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MANIAVQRIKREFKEVLKSEETSKNQIKVDLVDENFTEL RGEIAGPPDTPYEGGRYQLEIKIPETYPF NPPKVRFITKWHPNISSVTGAICLDILKDQWAAAMTLRTVLLSLQALLAAAEPDDPQDAVVANQYK QNPEMFKQTARLWAHVYAGAPVSSPEYTKK IENLCAMGFDRNAVIVALSSKSWDVETATELLLSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.8
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UBE2K

Entrez GeneID [3093](#)

GeneBank Accession# [NM_005339.3](#)

Protein Accession# [NP_005330.1](#)

Gene Name UBE2K

Gene Alias DKFZp564C1216, DKFZp686J24237, E2-25K, HIP2, HYPG, LIG

Gene Description ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)

Omim ID [602846](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntingt on's disease. Known functions for this protein include a role in aggregate formation of expanded p olyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the di slocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and inv olvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations huntingtin interacting protein 2|ubiquitin carrier protein|ubiquitin-conjugating enzyme E2-25 KDA|u biquitin-conjugating enzyme E2-25K|ubiquitin-protein ligase

Pathway

- [Ubiquitin mediated proteolysis](#)