

Full-Length

HAP1 (Human) Recombinant Protein (P01)

Catalog # H00009001-P01

Size 50 ug

Specification

Product Description	Human HAP1 full-length ORF (AA156729.1, 1 a.a. - 671 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRPKRLGRCCAGSRLGPGDPAALTCAPSPSASPAPEPSAQPQARGTGQRVGSRATSGSQFLS EARTGARPASEAGAKAGARRPSAFSAIQGDVRSMPDNDAPWTRFVFQGPFGSRATGRGTGK AAGWKTPAAVYVRRPGVSGPERAAFIREEALCPNLPPPVKKITQEDVKVMLYLLEELLPPVW ESVTYGMVLQRERDLNTAARIGQSLVKQNSVLMEENSKLEALLGSAKEEILYLRHQVNLRDPELLQ YSDSDEEDEDEEEEEEEKEAEEEEQEEEEAEEDLQCAHPCDAPKLISQEALLHQHHCPQLEALQ EKLRLLLEENHQLREEASQLDTLEDEEQMLILECVEQFSEASQQMAELSEVLVLRLENYERQQQ EVARLQAQVLKLQQRCRMVGAETEKLQKQLASEKEIQMQLQEESVWVGSQQLDLREKYMDCGG MLIEMQEEVKTLRQQPPVSTGSATHYPYSVPLETLPGFQETLAEELRTSLRRMISDPVYFMERNYE MPRGDTSSLRYDFRYSEDREQVRGFEAEGLMLAADIMRGEDFTPAAEFVPQEELGAAKKVPA EEGMEEAELVSEETEGWEEVELELDEATRMNVVTSALEASGLGPSHLDMNYVLQQLANWQD AHYRRQLRWKMLQKGECPHGALPAASRTSCRSSCR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	100.21
Interspecies Antigen Sequence	Mouse (58); Rat (59)
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.
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 — HAP1

Entrez GeneID [9001](#)

GeneBank Accession# [BC156728.1](#)

Protein Accession# [AAI56729.1](#)

Gene Name HAP1

Gene Alias HAP2, HIP5, HLP, hHLP1

Gene Description huntingtin-associated protein 1

Omim ID [600947](#)

Gene Ontology [Hyperlink](#)

Gene Summary Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons , is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with huntingtin, with two cytoskeletal proteins (dynactin and pericentriolar autoantigen protein 1), and with a hepatocyte growth factor-regulated tyrosine kinase substrate. The interactions with cytoskeletal proteins and a kinase substrate suggest a role for this protein in vesicular trafficking or organelle transport. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000164747|huntingtin-associated protein 2|neuroan 1

Disease

- [Cognition](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)