

Recombinant Human AP3D1 protein, GST-tagged

Cat. No. AP3D1-656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP3D1 full-length ORF (ADZ15549.1, 1 a.a. - 742 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a subunit of the AP3 adaptor-like complex, which is not clathrin-associated, but is associated with the golgi region, as well as more peripheral structures. The AP-3 complex facilitates the budding of vesicles from the golgi membrane, and may be directly involved in trafficking to lysosomes. This subunit is implicated in intracellular biogenesis and trafficking of pigment granules, and possibly platelet dense granules and neurotransmitter vesicles. Defects in this gene are a cause of a new type of Hermansky-Pudlak syndrome. [provided by RefSeq, Feb 2017]
Molecular Mass	81.7 kDa
AA Sequence	MALKMVKGSIDRMFDKNLQDLVRGIRNHKEDEAKYISQCIDEIKQELKQDNIAVKANA VCKLTYLQMLGYDISWAAFNIIIEVMSASKFTFKRIGYLAASQSFHEGTDVIMLTNQR KDLSSPSQYDTGVALTGLSCFVTPDLARDLANDIMTLMSHTKPYIRKKAVLIMYKVF KYPESLRPAFPRLKEKLEDPDPGVQSAAVNVICELARRNPKNYLSLAPLFFKLMTSS TNNWVLIKIIKLFGALTPLGPRLGKKLIEPLTNLIHSTSAMSLLYECVNTVI AVLISLSSG MPNHSASIQLCVQKLRILIEDSDQNLKYLGLLAMSKILKTHPKSVQSHKDLILQCLDDK

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DESIRLRALDLLYGMVSKKNLMEIVKKLMTHVDKAEGTTYRDELLTKIIDICSQSNYQY
ITNFEWYISILVELTRLEGTRHGHILAAQMLDVAIRVKAIRKFAVSQMSALLDSAHLAS
STQRNGICEVLYAAAWICGEFSEHLQEPHHTLEAMLRPRVTTLPGHIQAVYVQNVVK
LYASILQQKEQAGEAEGAQAVTQLMVDRLPQFVQSADLEVQERASCILQLVKHIQKL
QAKDVPVAEEVSALFAGELNPVAPKAQKKVPVPEGLDLDAWINEPLSDSESEDERP
RAVFHEEEQRRPKHRPSEADEEEELARRREARKQEQAANNPFYIKSSPSPQKRYQDT
PGVEHIPVVQIDLSVPLKVPGLPMSDQYVKLEEERRHRQKLEKDKR

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

[AP3D1 adaptor-related protein complex 3, delta 1 subunit \[Homo sapiens \]](#)

Official Symbol

[AP3D1](#)

Synonyms

AP3D1; adaptor-related protein complex 3, delta 1 subunit; AP-3 complex subunit delta-1; ADTD; delta adaptin; adaptin, delta; AP-3 complex subunit delta; delta-adaptin, partial CDS; AP-3 complex delta subunit, partial CDS; adapter-related protein complex 3 subunit delta-1; subunit of putative vesicle coat adaptor complex AP-3; hBLVR;

Gene ID

[8943](#)

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mRNA Refseq	NM_001077523
Protein Refseq	NP_001070991
MIM	607246
UniProt ID	O14617

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