

Recombinant Full Length Human AP3D1 Protein, GST-tagged

Cat. No. AP3D1-1081HF **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	In Vitro Cell Free System
ProteinLength	742 amino acids
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	MALKMVKGSI DRMF DKNLQD LVRGIRNHKE DEAKYISQCI DEIKQELKQD NIAVKANAVC KLTYLQMLGY DISWAAFNII EVMSASKFTF KRIGYLAASQ SFHEGTDVIM LTTNQIRKDL SSPSQYDTGV ALTGLSCFVT PDLARLAND IMTLMSHTKP YIRKKAVLIM YKVFLKYPES LRPAFPRLKE KLEDPPDGVQ SAAVNVICEL ARRNPKNYLS LAPLFFKLMT SSTNNWVLIK IIKLFGALTP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LGPRLGKKLI EPLTNLIHST SAMSLLYECV NTVIAVLISL SSGMPNHSAS
 IQLCVQKLRI LIEDSDQNLK YLGLLAMSKI LKTHPKSVQS HKDLILQCLD
 DKDESIRLRA LDLLYGMVSK KNLMEIVKKL MTHVDKAEGT TYRDELLTKI
 IDICSQSNYQ YITNFEWYIS ILVELTRLEG TRHGHLIAAQ MLDVAIRVKA
 IRKFAVSQMS ALLDSAHLA SSTQRNGICE VLYAAAWICG EFSEHLQEPH
 HTLEAMLRPR VTTLPGHIQA VYVQNVVKLY ASILQQKEQA GEAEGAQAVT
 QLMVDRLPQF VQSADLEVQE RASCILQLVK HIQKLQAKDV PVAEEVSALF
 AGELNPVAPK AQKKVPVPEG LDLDAWINEP LSDSESEDER PRAVFHEEEQ
 RRPKHRPSEA DEEELARRRE ARKQEQANNP FYIKSSPSPQ KRYQDTPGVE
 HIPVVQIDLS VPLKVPGLPM SDQYVKLEEE RRHRQKLEKD KR

Applications

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

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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