

Recombinant Full Length Human AP4B1 Protein, GST-tagged

Cat. No. AP4B1-1138HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP4B1 full-length ORF (ADZ15510.1, 1 a.a. - 739 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	739 amino acids
Description	This gene encodes a subunit of a heterotetrameric adapter-like complex 4 that is involved in targeting proteins from the trans-Golgi network to the endosomal-lysosomal system. Mutations in this gene are associated with cerebral palsy spastic quadriplegic type 5 (CPSQ5) disorder. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Molecular Mass	81.3 kDa
AA Sequence	MPYLGSEDVV KELKKALCNP HIQADRLRYR NVIQRVIRYM TQGLDMSGVF MEMVKASATV DIVQKKLVYL YMCTYAPLKP DLALLAINTL CKDCSDPNPM VRGLALRSMC SLRMPGVQEY IQQPILNGLR DKASYVRRVA VLGCACMHNL HGDSEVDGAL VNELYSLLRD QDPIVVVNCL RSLEEILKQE GGVVINKPIA HLLNRMSKL DQWGQAEVLN FLLRYQPRSE EELFDILNLL DSFLKSSSPG VVMGATKLFL ILAKMFPHVQ TDVLVRVKGP LLAACSSSR ELCFVALCHV RQILHSLPGH FSSHYKKFFC SYSEPHYIKL QKVEVLCELV NDENVQQVLE

 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

ELRGYCTDVS ADFAQAAIFA IGGIARTYTD QCVQILTELL GLRQEHITTV
 VVQTFRDLVW LCPQCTEAVC QALPGCEENI QDSEGKQALI WLLGVHGERI
 PNAPYVLEDF VENVKSETFP AVKMELLTAL LRLFLSRPAE CQDMLGRLLY
 YCIEEEKDMA VRDRGLFYR LLLVGIDEVK RILCSPKSDP TLGLLEDPAE
 RPNVNSWASDF NTLVPVYGKA HWATISKCQG AERCDPELPK TSSFAASGPL
 IPEENKERVQ ELPDSGALML VPNRQLTADY FEKTWLSLKV AHQQVLPWRG
 EFHPDTLQMA LQVVNIQTIA MSRAGSRPWK AYLSAQDDTG CLFLTELLLE
 PGNSEMQISV KQNEARTETL NSFISVLETV IGTIEEIKS

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

AP4B1 adaptor-related protein complex 4, beta 1 subunit [Homo sapiens]

Official Symbol

AP4B1

Synonyms

AP4B1; adaptor-related protein complex 4, beta 1 subunit; spastic paraplegia 47 ,
 SPG47; AP-4 complex subunit beta-1; beta 4 subunit of AP 4; BETA 4; beta4-adaptin;
 spastic paraplegia 47; beta 4 subunit of AP-4; CPSQ5; SPG47; BETA-4

Gene ID

10717

mRNA Refseq

NM_001253852

Protein Refseq

NP_001240781

 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

MIM	607245
-----	--------

UniProt ID	Q9Y6B7
------------	--------

 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