

Recombinant Full Length Human AP5Z1 Protein, GST-tagged

Cat. No. AP5Z1-1089HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP5Z1 full-length ORF (AAH37399, 1 a.a. - 446 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	446 amino acids
Description	This gene was identified by genome-wide screen for genes involved in homologous recombination DNA double-strand break repair (HR-DSBR). The encoded protein was found in a complex with other proteins that have a role in HR-DSBR. Knockdown of this gene reduced homologous recombination, and mutations in this gene were found in patients with spastic paraplegia. It was concluded that this gene likely encodes a helicase (PMID:20613862). [provided by RefSeq, Jan 2011]
Molecular Mass	74.8 kDa
AA Sequence	MAKVVVLSPG TLQEDQATLL SKRLVDWLRY ASLQQGLPHS GGFFSTPRAR QPGPVTEVDG AVATDFFTVL SSGHRFTDDQ WLVNQAFSML RAWLLHSGPE GPGTLDTDDR SEQEGSTLSV ISATSSAGRL LPPRERLREV AFEYCQRLIE QSNRRALRKG DSDLQKACLV EAVLVLDVLC RQDPSFLYRS LSCLKALHGR VRGDPASVRV LLPLAHFFLS HGEAAVDSE AVYQHLFTRI PVEQFHSPML AFEFIQFCRD NLHLFSGHLS TLRLSFPNLF KFLAWNSPPL TSEFVALLPA LVDAGTALEM LHALLDLPCL TAVLDLQLRS APAASERPLW DTSLRAPSC

 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

EAFRDPQFQG LFQYLLRPKA SGATERLAPL HQLLQPMAGC ARVAQCAQAV
PTLLQAFFSA VTQVADGSLI NQLALLLLGR SDSLYPAPGY AAGVHR

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

AP5Z1 adaptor related protein complex 5 zeta 1 subunit [Homo sapiens (human)]

Official Symbol

AP5Z1

Synonyms

AP5Z1; adaptor related protein complex 5 zeta 1 subunit; zeta; SPG48; KIAA0415;
AP-5 complex subunit zeta-1; adapter-related protein complex 5 zeta subunit;
adaptor-related protein complex 5 zeta subunit; zeta5

Gene ID

9907

mRNA Refseq

NM_014855

Protein Refseq

NP_055670

MIM

613653

UniProt ID

O43299

 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