

Recombinant Human ACP7 Protein, GST-tagged

Cat. No. ACP7-4252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ16165 full-length ORF (BAD18425.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Purple acid phosphatases (PAPs), including PAPL, are a family of binuclear metallohydrolases that have been identified in plants, animals, and fungi (Flanagan et al., 2006 [PubMed 16793224]).[supplied by OMIM
Molecular Mass	76.9 kDa
AA Sequence	MHPLPGYWSCYCLLLFSLGVQGSLGAPSAAPEQVHLSYPGEPGSMTVTWTTWVP TRSEVQFGLQPSGPLPLRAQGTFPVFDGGILRRKLYIHRVTLRKLLPGVQYVYRCG SAQGWSRRFRFRALKNGAHWSPRLAVFGDLGADNPKAVPRLRRDTQQGMYDAVL HVGDFAYNLDQDNARVGDRFMRLIEPVAASLPYMTCPGNHEERYNFSNYKARFSM PGDNEGLWYSWDLGPAHIISFSTEVYFFLHYGRHLVQRQFRWLES DLQKANKNRAA RPWIITMGRHPMYCSNADLDDCTRHESKVRKGLQGKLYGLEDLFYKYGVDLQLWA HEHSYERLWPIYNYQVFNGSREMPYTNPRGPVHIITGSAGCEERLTPFAVFPRPWS AVRVKEYGYTRLHILNGTHTHIQQVSDDQDGKIVDDVWVVRPLFGRRMYL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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	ACP7 acid phosphatase 7, tartrate resistant (putative) [Homo sapiens (human)]
Official Symbol	ACP7
Synonyms	ACP7; acid phosphatase 7, tartrate resistant (putative); PAPL; PAPL1; acid phosphatase type 7; iron/zinc purple acid phosphatase-like protein; purple acid phosphatase long form 1; EC 3.1.3.2
Gene ID	390928
mRNA Refseq	NM_001004318
Protein Refseq	NP_001004318
MIM	610490
UniProt ID	Q6ZNF0

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