

Recombinant Full Length Human ACP5 Protein, GST-tagged

Cat. No. ACP5-802HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACP5 full-length ORF (NP_001602.1, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	325 amino acids
Description	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq, Aug 2008]
Molecular Mass	63 kDa
AA Sequence	MDMWTALLIL QALLLPSLAD GATPALRFVA VGDWGGVPNA PFHTAREMAN AKEIARTVQI LGADFILSLG DNFYFTGVQD INDKRFQETF EDVFSDRSLR KVPWYVLGN HDHLGNVSAQ IAYSKISKRW NFPSPFYRLH FKIPQTNVSV AIFMLDVTIL CGNSDDFLSQ QPERPRDVKL ARTQLSWLKK QLAAAREDYV LVAGHYPVWS IAEHGPTHCL VKQLRPLLAT YGVTAYLCGH DHNLQYLQDE NGVGYYVLSGA GNFMDPSCRH QRKVPNGYLR FHYGTEDSLG GFAYVEISSK EMTVTYIEAS GKSLFKTRLP RRARP
Applications	Enzyme-linked Immunoabsorbent Assay

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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 ACP5 acid phosphatase 5, tartrate resistant [Homo sapiens]

Official Symbol ACP5

Synonyms ACP5; acid phosphatase 5, tartrate resistant; tartrate-resistant acid phosphatase type 5; tartrate resistant acid phosphatase; TRAP; TrATPase; tartrate-resistant acid ATPase; SPENCDI

Gene ID 54

mRNA Refseq NM_001111034

Protein Refseq NP_001104504

MIM 171640

UniProt ID P13686

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