

Recombinant Human ACP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACP5-4494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACP5 MS Standard C13 and N15-labeled recombinant protein (NP_001602) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.6 kDa
AA Sequence	MDMWTALLILQALLPSLADGATPALRFVAVGDWGGVPNAPFHTAREMANAKEIAR TVQILGADFILSLGDNFYFTGVQDINDKRFQETFEDVFSDRSLRKVPWYVLAGNHDH LGNVSAQIAYSKISKRWNFPSPFYRLHFKIPQTNVSVAIFMLDTVTLCGNSDDFLSQQ PERPRDVKLARTQLSWLKKQLAAAREDYVLVAGHYPVWSIAEHGPTHCLVKQLRPL LATYGVTAAYLCGHDHNLQYLQDENGVGYYVLSGAGNFMDPSCRHRQKVPNGYLRFH YGTEDSLGGFAYVEISSKEMTVTYIEASGKSLFKTRLPRRARPTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ACP5 acid phosphatase 5, tartrate resistant [Homo sapiens (human)]

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_001611

Protein Refseq NP_001602

MIM 171640

UniProt ID P13686

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SDS-PAGE

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