

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

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

## SPECIFICATION

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

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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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