

Acid Phosphatase 5, Tartrate Resistant (ACP5) Recombinant Protein | ACP5 recombinant protein

Recombinant Acid Phosphatase 5, Tartrate Resistant (ACP5)

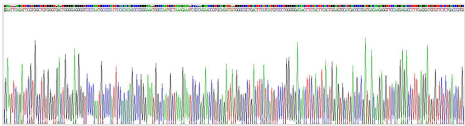
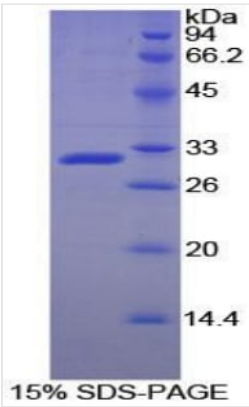
CATALOG # AAA134685	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Acid Phosphatase 5; Tartrate Resistant (ACP5); Recombinant Acid Phosphatase 5; ACP5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for ACP5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg29~Tyr296
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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RF VAVGDNGGVP NAPHTAREM
ANAKEIARTV QINGADFIMS LGDNFYFTGV HDANDKRFQE TFEDVFSDRA
LRNIPWYVLA GNHDHLGNVS AQIAYSKISK RWNFPSPYYR LRFKVPRNSI
TVAIFMLDTV MLCGNSDDFV SQQPEMPDRL GVARTQLSWL KQLAAAKED
YVLVAGHYPI WSIAEHGPTR CLVKNLRLPL AAYGVTAYLC GHDHNLQYLQ
DENGVGIVLS GAGNFMDPSV RHQRKVPNGY LRFHYGSEDS LGGFTY
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	400153701
NCBI GeneID	25732
NCBI Accession #	NP_001257818.1
NCBI GenBank Nucleotide #	NM_001270889.1
UniProt Accession #	P29288
Molecular Weight	Predicted Molecular Mass: 31.5kDa Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	tartrate-resistant acid phosphatase type 5 isoform 2
NCBI Official Synonym Full Names	acid phosphatase 5, tartrate resistant
NCBI Official Symbol	Acp5
NCBI Official Synonym Symbols	Trap; TTRRAP
NCBI Protein Information	tartrate-resistant acid phosphatase type 5; TR-AP; trATPase; acid phosphatase type V; type 5 acid phosphatase; tartrate-resistant acid ATPase
UniProt Protein Name	Tartrate-resistant acid phosphatase type 5
UniProt Gene Name	Acp5
UniProt Synonym Gene Names	TR-AP; TrATPase
UniProt Entry Name	PPA5_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.