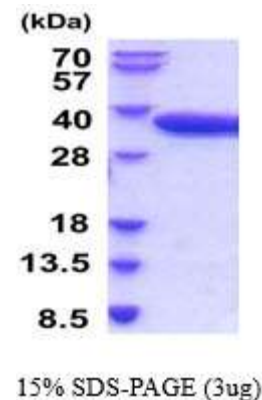


## ACP5/TRAP, human recombinant

<b>CATALOG NO:</b>	P1055-10      10 µg P1055-50      50 µg
<b>ALTERNATE NAMES:</b>	Tartrate-resistant acid phosphatase type 5, SPENCDI, TRAP
<b>CONCENTRATION:</b>	0.5 mg/ml (determined by Bradford assay)
<b>SOURCE:</b>	Baculovirus (insect cell) expressed recombinant ACP5 protein, fused to His-tag at C-terminus (22-325aa).
<b>PURITY:</b>	> 95% by SDS-PAGE
<b>MOL. WEIGHT:</b>	This protein is fused with 6x His tag at C terminus and the protein has a calculated MW of 35.1 kDa (310aa). The protein migrates at 28-40 kDa in SDS-PAGE under reducing conditions.
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1µg of protein (determined by LAL method)
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>STORAGE CONDITIONS:</b>	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -70°C. Avoid repeated freeze/thaw cycles.
<b>SEQUENCE:</b>	ATPALRFVAV GDWGGVNPAP FHTAREMANA KEIARTVQIL GADFILSLGD NFYFTGVQDI NDKRFQETFE DVFSRSLRK VPWYVLAGNH DHLGNVSAQI AYSKISKRWV FPSPFYRLHF KIPQTNVSVV IFMLDVTLC GNSDDFLSQQ PERPRDVKLA RTQLSWLKKQ LAAAREDYVL VAGHYPVWSI AEHGPTHCLV KQLRPLLATY GVTAYLCGHD HNLQYLQDEN GVGYYLSGAG NFMDPSKRHQ RKVPNGYLRV HYGTEDSLGG FAYVEISSKE MTVTYIEASG KSLFKTRLPR RARPHHHHHH
<b>DESCRIPTION:</b>	ACP5, also known as tartrate-resistant acid phosphatase type 5, is involved in osteopontin and bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias. Recombinant human ACP5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>BIOLOGICAL ACTIVITY:</b>	Specific activity is > 5,000 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmoles of p-nitrophenyl phosphate (pNPP) per minute at pH 5.0 at 37C.



Recombinant human ACP5/TRAP

### RELATED PRODUCTS:

- DUSP10, human recombinant (Cat. No. 7814-50)
- DUSP18, human recombinant (Cat. No. 7815-100)
- DUSP21, human recombinant (Cat. No. 7816-50)
- DUSP23, human recombinant (Cat. No. 7817-50)
- Human Recombinant Acid phosphatase 1 (Cat. No. 6378-100)
- Human Recombinant PP2C alpha (Cat. No. 6303-100)
- Human Recombinant PTP1B (Cat. No. 6301-100)
- Human Recombinant PPM1G (Cat. No. 6322-100)
- Human Recombinant PPP1CA (Cat. No. 6370-10)
- NT5C3B, human recombinant (Cat. No. P1040-20)

**FOR RESEARCH USE ONLY! Not to be used on humans.**