Recombinant Human ACP5 protein, His-tagged

Cat. No. ACP5-2938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACP5 protein, fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	HTAREMANAKEIARTVQILGADFILSLGDNFYFTGVQDINDKRFQETFEDVFSDRSLR KVPWYVLAGNHDHLGNVSAQIAYSKISKRWNFPSPFYRLHFKIPQTNVSVAIFMLDT VTLCGNSDDFLSQQPERPRDVKLARTQLSWLKKQLAAAREDY
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ɡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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