Recombinant Mouse Tartrate-resistant acid phosphatase type 5 (Acp5)

Product Code	CSB-YP001178MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q05117
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	APTPTLRF VAVGDWGGVP NAPFHTAREM ANAKEIARTV QTMGADFIMS LGDNFYFTGV HDASDKRFQE TFEDVFSDRA LRNIPWYVLA GNHDHLGNVS AQIAYSKISK RWNFPSPYYR LRFKIPRTNI TVAIFMLDTV MLCGNSDDFA SQQPKMPRDL GVARTQLSWL KKQLAAAKED YVLVAGHYPI WSIAEHGPTR CLVKNLRPLL ATYGVTAYLC GHDHNLQYLQ DENGVGYVLS GAGNFMDPSV RHQRKVPNGY LRFHYGSEDS LGGFTHVEIS PKEMTIIYVE ASGKSLFKTS LPRRPRP
Source	Yeast
Target Names	Acp5
Protein Names	Recommended name: Tartrate-resistant acid phosphatase type 5 Short name= TR-AP EC= 3.1.3.2 Alternative name(s): Tartrate-resistant acid ATPase Short name= TrATPase Type 5 acid phosphatase
Expression Region	23-327
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.