

Recombinant Bovine T-cell surface glycoprotein CD8 alpha chain(CD8A),partial

Catalog No: #AP70148

Package Size: #AP70148-1 20ug #AP70148-2 100ug #AP70148-3 1mg

Description

Product Name	Recombinant Bovine T-cell surface glycoprotein CD8 alpha chain(CD8A),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-189aaSequence Info:Extracellular Domain
Other Names	CD8a
Accession No.	P31783
Calculated MW	33.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	LSFRMSPTQKETRLGEKVELQCELLQSGMATGCSWLRHIPGDDPRPTFLMYLSAQRVKLAEGLDPRHISGAK VSGTKFQLTLSSFLQEDQGYFCSVVSNSILYFSNFVPVFLPAKPATTPAMRPSSAAPTSA PQTRS VSPRSEV CRTSAGSAVDTSRLDFACN
Formulation	Tris-based buffer50% glycerol
Storage	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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Identifies cytotoxic, suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.

References

Molecular cloning, reconstruction and expression of the gene encoding the alpha-chain of the bovine CD8 -- definition of three peptide regions conserved across species.Lalor P., Bucci C., Fornaro M., Rattazzi M.C., Nakauchi H., Herzenberg L.A., Alberti S.Immunology 76:95-102(1992)

Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.