

## Recombinant Mouse CD63 antigen(Cd63) ,partial

Catalog No: #AP76508



Package Size: #AP76508-1 20ug #AP76508-2 100ug #AP76508-3 1mg

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## Description

Product Name	Recombinant Mouse CD63 antigen(Cd63) ,partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:103-203aaSequence Info:Extracellular Domain
Other Names	CD63
Accession No.	P41731
Uniprot	P41731
GeneID	12512;
Calculated MW	38.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AGYVFRDQVKSEFNKSFQQMQNYLKDNTATILDKLQKENNCCGASNYTDWENIPGMAKDRVDPDSCCINIT VGCGNDFKESTIHTQGCVETIAIWLKNI
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

Functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK,PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK,PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR,VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2,FcεRI stimulation, but not in mast cell degranulation in response to other stimuli.

## References

The tetraspanin CD63 is required for efficient IgE-mediated mast cell degranulation and anaphylaxis.Kraft S., Jouvin M.H., Kulkarni N., Kissing S., Morgan E.S., Dvorak A.M., Schroder B., Saftig P., Kinet J.P.J. Immunol. 191:2871-2878(2013) Research Topic:Others

Note: This product is for in vitro research use only