

Recombinant Human Lactadherin(MFGE8)

Catalog No: #AP70540

Package Size: #AP70540-1 20ug #AP70540-2 100ug #AP70540-3 1mg

Description

Product Name	Recombinant Human Lactadherin(MFGE8)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-387aaSequence Info:Full Length
Other Names	Breast epithelial antigen BA46HMFGMFGMMilk fat globule-EGF factor 8 ;MFG-E8SED1
Accession No.	Q08431
Calculated MW	56.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	LDICSKNPCHNGGLCEEISQEVRGDVFPSTCTCLKGYAGNHCETKCVEPLGMENGNIANSQIAASSVRVTFLLGLQHWVPELARLNRAGMVNAWTPSSNDDNPWIQVNLRLRMWVTGVVTQGASRLASHEYLKAFKVAYSLNGHEFDFIHVDVNNKKHKEFVGNWNKNAVHVNLFTPEAQYVRLYPTSCHTACTLRFELLGCELNGCANPLGLKNNSIPDKQITASSSYKTWGLHLFSWNPSYARLDKQGNFNAWVAGSYGNDQWLQVDLGSSKEVTGIITQGARNFGSVQFVASYKVAYSNDSANWTEYQDPRTGSSKIFPGNWDNHSKKNLFETPILARYVRILPVAWHNRIALRLELLGC
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

Plays an important role in the maintenance of intestinal epithelial homeostasis and the promotion of mucosal healing. Promotes VEGF-dependent neovascularization . Contributes to phagocytic roval of apoptotic cells in many tissues. Specific ligand for the alpha-v,beta-3 and alpha-v,beta-5 receptors. Also binds to phosphatidylserine-enriched cell surfaces in a receptor-independent manner. Zona pellucida-binding protein which may play a role in gamete interaction. Binds specifically to rotavirus and inhibits its replication.¹ Publication

References

Cloning and sequence analysis of human breast epithelial antigen BA46 reveals an RGD cell adhesion sequence presented on an epidermal growth factor-like domain.Couto J.R., Taylor M.R., Godwin S.G., Ceriani R.L., Peterson J.A.DNA Cell Biol. 15:281-286(1996)Research Topic:Cardiovascular

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