

Recombinant Human Mucin-2(MUC2),partial

Catalog No: #AP70569

Package Size: #AP70569-1 20ug #AP70569-2 100ug #AP70569-3 1mg

Description

Product Name	Recombinant Human Mucin-2(MUC2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:36-240aaSequence Info:Partial
Other Names	Intestinal mucin-2
Accession No.	Q02817
Calculated MW	38.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	VCSTWGNFHYKTFDGDVFRFPGLCDYNFASDCRGSYKEFAVHLKRGPGQAEAPAGVESILLTIKDDTIYLTRH LAVLNGAVVSTPHYSPLGILLIEKSDAYTKVYSRAGLTLMWNREDALMLELDTKFRNHTCGLCGDYNGLQSYSE FLSDGVLFSPLEFGNMQKINQPDVVCEDPEEEVAPASCSEHRAECERLLTAEAFADCQDL
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

Coats the epithelia of the intestines, airways, and other mucus mbrane-containing organs. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Major constituent of both the inner and outer mucus layers of the colon and may play a role in excluding bacteria from the inner mucus layer.

References

A quantitative atlas of mitotic phosphorylation.Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008)Research Topic:Signal Transduction

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