

Recombinant Homo sapiens Mucin-2

Catalog No: #AP72691



Package Size: #AP72691-1 20ug #AP72691-2 100ug #AP72691-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Homo sapiens Mucin-2
Brief Description	Recombinant Protein
Host Species	Yeast
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
Uniprot	Q02817
Calculated MW	24.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VCSTWGNFHYKTFDGDVFRFPGLCDYNFASDCRGSYKEFAVHLKRGPGQAEAPAGVESILLTIKDDTIYLTRH LAVLNGAVVSTPHYSPGLLIEKSDAYTKVYSRAGLTLMWNREDALMLELDTKFRNHTCGLCGDYNGLQSYSE 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 membrane-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

In vivo glycosylation of mucin tandem repeats.Silverman H.S., Parry S., Sutton-Smith M., Burdick M.D., McDermott K., Reid C.J., Batra S.K., Morris H.R., Hollingsworth M.A., Dell A., Harris A.Glycobiology 11:459-471(2001)Research Topic:Signal Transduction

Note: This product is for in vitro research use only