

Recombinant human Cell surface glycoprotein MUC18

Catalog No: #AP72112



Package Size: #AP72112-1 20ug #AP72112-2 100ug #AP72112-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Cell surface glycoprotein MUC18
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:50-646aaSequence Info:Partial
Other Names	Cell surface glycoprotein P1H12Melanoma cell adhesion molecule;Melanoma-associated antigen A32Melanoma-associated antigen MUC18S-endo 1 endothelial-associated antigen; CD146
Accession No.	P43121
Uniprot	P43121
GeneID	4162;
Calculated MW	70.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LSQSQGNLSHVDWFSVHKEKRTLIFRVRQGQGQSEPGEYEQRLSLQDRGATLALTQVTPQDERIFLCQGKRP RSQEYRIQLRVYKAPEEPNIQVNLGIPVNSKEPEEVATCVGRNGYPIPVQVIWYKNGRPLKKEKNRVHIQSSQT VESSGLYTLQSILKAQLVKEDKDAQFYCELNYRLPSGNHMKESREVTVPVFPTEKVVLEVEPVGMLKEGDR VEIRCLADGNPPPHFSISKQNPSTREAEETTNDNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEPQELLVN YVSDVRVSPAAPERQEGSSLTCEAESSQDLEFQWLREETGQVLERGPVLQLHDLKREAGGGYRCVASVP SIPGLNRTQLVNVAIFGPPWMAFKERKVVWKENMVLNLSCEASGHRPTISWNVNGTASEQDQDPQRVLSTL NVLVTEPPELLETGVECTASNDLGKNTSILFLELVNLTTLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESRG VVIVAVIVCILVAVLGAVLYFLYKKGKLPCCRSGKQEITLPPSRKSELVVEVKSDKLPEEMGLLQGSSGDKRAP GDQGEKYIDLRH
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 a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing heterogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2,FAK1, and a transient increase in the intracellular calcium concentration.

References

MUC18, a marker of tumor progression in human melanoma, shows sequence similarity to the neural cell adhesion molecules of the immunoglobulin

Note: This product is for in vitro research use only