

Recombinant human Basigin

Catalog No: #AP72173



Package Size: #AP72173-1 20ug #AP72173-2 100ug #AP72173-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Basigin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:138-321aaSequence Info:Partial
Other Names	5F7Collagenase stimulatory factorExtracellular domain matrix metalloproteinase inducer ;EMMPRINLeukocyte activation antigen M6OK blood group antigen;Tumor cell-derived collagenase stimulatory factor ;TCSF; CD147
Accession No.	P35613
Uniprot	P35613
GenID	682;
Calculated MW	24.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EPGTVFTTVEDLGSKILLTCSLNSATEVTGHRWLKGGVVLKEDALPGQKTEFKVSDDDQWGEYSCVFLPEP MGTANIQLHGPPRVKAVKSSEHINEGETAMLVCKSESVPVTDWAWYKITDSEDKALMNGSESRRFFVSSSQG RSELHIENLNMEADPGQYRCNGTSSKGSQAIITLRVRS
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 targeting the monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to the plasma mbrane. Plays pivotal roles in spermatogenesis, bryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). Ses to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.

References

Characterization of basigin isoforms and the inhibitory function of basigin-3 in human hepatocellular carcinoma proliferation and invasion.Liao C.G., Kong L.M., Song F., Xing J.L., Wang L.X., Sun Z.J., Tang H., Yao H., Zhang Y., Wang L., Wang Y., Yang X.M., Li Y., Chen Z.N.Mol. Cell. Biol. 31:2591-2604(2011)Research Topic:Cancer

Note: This product is for in vitro research use only