

Recombinant human Rab5 GDP/GTP exchange factor

Catalog No: #AP71590



Package Size: #AP71590-1 20ug #AP71590-2 100ug #AP71590-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Rab5 GDP/GTP exchange factor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-491aaSequence Info:Full Length of Isoform 2
Other Names	RAP1Rabaptin-5-associated exchange factor for Rab5Rabex-5
Accession No.	Q9UJ41
Uniprot	Q9UJ41
GenID	27342;
Calculated MW	72.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MSLKSERRGIHVDQSDLLCKKGCYGNPAWQGFCSCWREEYHKARQKQIQEDWELAERLQREEEAFA SSQSSQGAQSLTFSKFEEKKTNEKTRKVTTVKFFSASSRVGSKKEIQEAKAPSPSINRQTSIETDRVSKEFIEF LKTFFHKTGQEIYKQTKLFLEGMHYKRDLSIEEQSECAQDFYHNVAERMQTRGKVPPEKIMDQIEKYIMTRL YKYVFCPETDDEKKDLAIQKRIRALRWVTPQMLCVPVNEIPEVSDMVVKAITDIIEMDSKRVRPRDKLACITKC SKHIFNAIKITKNEPASADDFLPTLIYVLKGNPPRLQSNQIYTRFCNPSRLMTGEDGGYFTNLCCAVAFIEK LDA QSLNLSQEDFDRYMSGQTSRPRKQEAESWSPDACLGVKQMYKNL DLLSQLNERQERIMNEAKKLEKDLIDWT DGIAREVQDIVEKYPLEIKPPNQPLAAIDSENVENDKLPPLQPQVYAG
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

Rab effector protein acting as linker between gamma-adaptin, RAB4A or RAB5A. Involved in endocytic mbrane fusion and mbrane trafficking of recycling endosomes. Stimulates nucleotide exchange on RAB5A. Can act as a ubiquitin ligase .

References

Seven genes that are differentially transcribed in colorectal tumor cell lines.Nimmrich I., Erdmann S., Melchers U., Finke U., Hentsch S., Moyer M.P., Hoffmann I., Mueller O.Cancer Lett. 160:37-43(2000)Research Topic:Signal Transduction

Note: This product is for in vitro research use only