

Recombinant Human Rab GDP dissociation inhibitor beta(GDI2)

Catalog No: #AP70330

Package Size: #AP70330-1 20ug #AP70330-2 100ug #AP70330-3 1mg

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Description

Product Name	Recombinant Human Rab GDP dissociation inhibitor beta(GDI2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-445aaSequence Info:Full Length
Other Names	Guanosine diphosphate dissociation inhibitor 2 ;GDI-2
Accession No.	P50395
Calculated MW	66.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLTKRFKIPGSPPEMGRGRDWN VDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTGSEFVYKGGKIYKVPSTAEALASSLMGLFEKRRFRKFLVYV ANFDEKDPRTFEGIDPKKTTMRDVYKKFDLGQDVIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARYGK SPYLYPLYGLGELPQGFARLSAIYGGTYMLNKPIEEIIVQNGKVGKSEGEIARCKQLICDPSYVKDRVEKVGQ VIRVICILSHPIKNTNDANSCQIIPQNQVNRKSDIYVCMISFAHNVAAGKYIAIVSTTVETKEPEKEIRPALELLE PIEQKFVSISDLLVPKDLGTESQIFISRTYDATTHFETTCDDIKNIYKRMTGSEFDFEEMKRKKNDIYGED
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

Regulates the GDP,GTP exchange reaction of most Rab proteins by inhibiting the dissociation of GDP from th, and the subsequent binding of GTP to th.

References

Asada M., Kaibuchi K., Takai Y. The human rab GDI beta gene with long retroposon-rich introns maps to 10p15 and its pseudogene to 7p11-p13.Sedlacek Z., Munstermann E., Mincheva A., Lichter P., Poutska A.Mamm. Genome 9:78-80(1998)Research Topic:Signal Transduction

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