

32-3872: GDI2 Recombinant Protein

Alternative Name :

GDP Dissociation Inhibitor 2,GDI2,RABGDIB,Guanosine Diphosphate Dissociation Inhibitor 2 ,Rab GDI Beta ,GDI-2,Epididymis Secretory Sperm Binding Protein Li 46e,Rab GDP Dissociation Inhibitor Beta ,Rab GDP-Dissociation ,HEL-S-46e.

Description

Source : Escherichia Coli. GDI2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 468 amino acids (1-445) and having a molecular mass of 53.1 kDa.GDI2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Rab GDP dissociation inhibitor beta isoform 1 (GDI2) is a member of the GDP dissociation inhibitors (GDIs) family. GDI proteins can bind and release GDP-bound Rab proteins from membranes. GDI1 interacts with virtually all of the Rab proteins, whereas GDI2 interacts with Rab11 but not Rab3A. GDI2 distributes ubiquitously, presenting a membrane bound location in perinuclear regions of cells.

Product Info

Amount :

10 µg

Purification :

Greater than 85.0% as determined by SDS-PAGE.

Content :

The GDI2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

Storage condition :

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid :

MGSSHHHHHH SSGLVPRGSH MGSNNEEYDV IVLGTGLTEC ILSGIMSVNG KKVLMHDRNP YGGESASIT
PLEDLYKRFK IPGSPPEMVG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDKVTTEG SFVYKGGKIY
KVPSTAEAL ASSLMGLFEK RRFKFLVYV ANFDEKDPRT FEGIDPKKTT MRDVYKKFDL GQDVIDFTGH
ALALYRTDDY LDQPCYETIN RIKLYSESLA RYKSPYLYP LYGLGELPQG FARLSAIYGG TYMLNKPIEE
IIVQNGKVIK VKSEGEIARC KQLICDPSYV KDRVEKVGQV IRVICILSHP IKNTNDANSC QIIPQNQVN
RKSDIYVCM I SFAHNVAAG KYIAIVSTTV ETKPEKEIR PALELLEPIE QKFVSISDLL VPKDLGTESQ
IFISRTYDAT THFETCDDI KNIYKRMTGS EFDPEEMKRK KNDIYGED.