

Human GDI1 Recombinant Protein



RPPB3585

Product Information Protein Information

Product SKU:

RPPB3585

Accession:

P31150

Host:

Escherichia Coli.

Protein description:

GDI1 Human Recombinant produced in E. coli is a single polypeptide chain containing 470 amino acids (1-447) and having a molecular mass of 53 kDa. GDI1 is fused to 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Rab GDP dissociation inhibitor alpha, Rab GDI alpha, GDP Dissociation Inhibitor 1, GDI1, Guanosine diphosphate dissociation inhibitor 1, GDI-1, Oligophrenin-2, XAP-4, GDIL, OPHN2, RABGDIA, XAP4, MRX41, MRX48, 1A, RABGD1A.

Formulation:

The GDI1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SSSLVPRGSH MGSMDDEYDV IVLGTGLTEC ILSGIMSVNG KVLHMDRNP YGGESSIT
PLEELYKRFQ LLEGPPESMG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDKVEG SFVYKGGKIY
KVPSTETEAL ASNLMGMFEK RFRKFLV FV ANFDENDPKT FEGVDPQTTS MRDVYRKF DL GQDVIDFTGH
ALALYRTDDY LDQPCLTVN RIKLYSESLA RYGKSPYLYP LYGLGELPQG FARLSAIYGG TYMLNKPVDD
IIMENGKVVG VKSEGEVARC KQLICPSYI PDRVRKAGQV IRIICLSHP IKNTNDANSC QIIIPQNQVN
RKSDIYVCM I SYAHNVAAQG KYIAIASTTV ETTDPEKEVE PALELLEPID QKFVAISDLY EPIDGCGESQ
VFCSCSYDAT THFETTCNDI KDIYKRMAGT ADFENMKRK QNDVFGAEQ.