

GDP Dissociation Inhibitor 1 Human Recombinant

Item Number	rAP-3326
Synonyms	Rab GDP dissociation inhibitor alpha, Rab GDI alpha, GDP Dissociation Inhibitor 1, GDI1, Guanosine di-phosphate dissociation inhibitor 1, GDI-1, Oligophrenin-2, XAP-4, GDIL, OPHN2, RABGDIA, XAP4, MRX41, MRX48, 1A, RABGD1A.
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.
Uniprot Accession Number	P31150
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMDDEEYDV IVLGTGLTEC ILSGIMSVNG KKVLMHDRNP YYGGESSSIT PLEELYKRFQ LLEGPPESMG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDFKVVVEG SFVYKGGKIY KVPSTETEAL ASNLMGMFEK RFRKFLVFV ANFDENDPKT FEGVDPQTTS MRDVYRKFDL GQDVIDFTGH ALALYRTDDY LDQPCLETVN RIKLYSES LA RYK- SPYLYP LYGLGELPQG FARLSAIYGG TYMLNKPVDD IIMENKGVVG VKSEGEVARC KQLICDPSYI PDRVRKAGQV IRIICILSHP IKNTNDANSC QIIPQNQVN RKSDIYVCM I SYAHNVAAQG KYIAIASTTV
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The GDI1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**