

GDP Dissociation Inhibitor 2 Human Recombinant

Item Number	rAP-3325
Synonyms	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	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.
Uniprot Accession Number	P50395
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNEEYDV IVLGTGLTEC ILSGIMSVNG KKVLMHDRNP YYGGE-SASIT PLEDLYKRFK IPGSPPESMG RGRDWNVDLI PKFLMANGQL VKMLLYTEVT RYLDKFKVTEG SFVYKGGKIY KVPSTAEAL ASSLMGLFEK RRFRKFLVYV ANFDEKDPRT FEGIDPKKTT MRDVYKKFDL GQDVIDFTGH ALALYRTDDY LDQPCYETIN RIKLYSESLA RYGKSPYLYP LY-GLGELPQG FARLSAIYGG TYMLNKPIEE IIVQNGKVGIG VKSEGEIARC KQLICDPSYV KDRVEKVGQV IRVICILSHP IKNTNDANSC QIIIPQNQVN RKSDIYVCM I SFAHNVAAQG KYIAIVSTTV ETKEPEKEIR
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 GDI2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 85.0% 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**