

Developmentally Regulated GTP Binding Protein 1 Human Recombinant

Item Number	rAP-4487
Synonyms	Developmentally-regulated GTP-binding protein 1, DRG-1, Neural precursor cell expressed developmentally down-regulated protein 3, NEDD-3, DRG1, NEDD3.
Description	DRG1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 387 amino acids (1-367 a.a.) and having a molecular mass of 42.7kDa.DRG1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y295
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSSTLAKIAE IEAMARTQK NKATAHHLGL LKARLAKLRR ELIT-PKGGGG GPGEGFDVA KTGDARIGFV GFPSVGKSTL LSNLAGVYSE VAAEFTTTL TVPGVIRYKG AKIQLLDLPG IIEGAKDGKG RGRQVIAR TCNLILIVLD VLKPLGHKKI IENELEGFGI RLNSKPPNIG FKKDKGGIN LTATCPQSEL DAETVKSILA EYKIHNADVT LRSDATADDL IDVVEGNRVY IPCIYVLNKI DQISIEELDI IYKVPFCVPI SAHHRWNFDD LLEKIWDYLK LVRIYTKPKG QLPDYTSPVV LPYSRTTVED FCMKIHKNLI KEFKYALVWG LSVKHNPQKV GKDHTEDED VIQIVKK.
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	DRG1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 1mM EDTA. 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**