9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

DRG1 Human

Developmentally Regulated GTP Binding Protein 1 Human Recombinant
RCP0683

Product Overview

Name	DRG1 Human
Description	
Developmentally Regulated GTP Binding Protein 1 Human Recombinant	
Accession (Primary)	Q9Y295
Synonyms	
Developmentally-regulated GTP-binding protein 1, DRG-1, Neural precursor cell expressed developmentally down-regulated protein 3, NEDD-3, DRG1, NEDD3.	
Introduction	
Developmentally-regulated GTP-binding protein 1 (DRG1) is a member of the GTP1/OBG family. DRG1 has a role in cell proliferation and differentiation, as well as in apoptosis, proposing a role in tumor formation and metastasis. Expression of the DRG1 was considerably reduced in breast tumor cells, particularly in patients with lymph node or bone metastasis as compared to those with localized breast cancer. The DRG1 protein is expressed at high levels in the heart, kidney and skeletal muscle and at lower levels in the brain, liver, placenta, lung, colon and spleen.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
DRG1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 1mM EDTA.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSSTLAKIAE IEAEMARTQK NKATAHHLGL LKARLAKLRR ELITPKGGGG GGPGEGFDVA KTGDARIGFV GFPSVGKSTL LSNLAGVYSE VAAYEFTTLT TVPGVIRYKG AKIQLLDLPG IIEGAKDGKG RGRQVIAVAR TCNLILIVLD VLKPLGHKKI IENELEGFGI RLNSKPPNIG FKKKDKGGIN LTATCPQSEL	

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DAETVKSILA EYKIHNADVT LRSDATADDL IDVVEGNRVY IPCIYVLNKI DQISIEELDI IYKVPHCVPI SAHHRWNFDD LLEKIWDYLK LVRIYTKPKG QLPDYTSPVV LPYSRTTVED FCMKIHKNLI KEFKYALVWG LSVKHNPQKV GKDHTLEDED VIQIVKK.

Precautions

DRG1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y295)