

32-3692: DRG1 Recombinant Protein

Alternative Name : Developmentally-regulated GTP-binding protein 1,DRG-1,Neural precursor cell expressed developmentally down-regulated protein 3,NEDD-3,DRG1,NEDD3.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : DRG1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 1mM EDTA.

Storage condition : 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 : MGSSHHHHHH SSGLVPRGSH MSSTLAKIAE IEAEMARTQK NKATAHHLGL LKARLAKLRR
ELITPKGGGG GPGGEGFDVA KTG DARIGFV GFPSVGKSTL LSNLAGVYSE VAA YEFTTLT
TVPGVIRYKG AKIQLLDLPG IIEGAKDGKG RGRQVI A VAR TCNLILIVLD VLKPLGHKKI
IENELEGFGI RLNSKPPNIG FKKKDKGGIN LTATCPQSEL DAETVKSILA EYKIHNADVT
LRSDATADDL IDVVEGNRVY IPCIYVLNKI DQISIEELDI IYKVP HCVPI SAHHRWNFDD
LLEKIWDYLK LVRIYTKPKG QLPDYTSPVV LPYSRTTVED FCMKIHKNLI KEFKYALVWG
LSVKHNPQKV GKDHTLEDED VIQIVKK.

