



Recombinant Human Developmentally-regulated GTP-binding protein 2 (DRG2)

Product Code	CSB-BP007186HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55039
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MGILEKISEI EKEIARTQKN KATEYHLGLL KAKLAKYRAQ LLEPSKSASS KEGFDVMKS GDARVALIGF PSVGKSTFLS LMTSTASEAA SYEFTTLTCI PGVIEYKGAN IQLLDLPGII EGAAQKGKRG RQVIAVARTA DVIIMMLDAT KGEVQRSLL E KELESVGIRL NKHKPNIFYK PPKGGGISFN STVTLTQCSE KLVQLILHEY KIFNAEVLFR EDCSPDEFID VIVGNRVYMP CLYVYNKIDQ ISMEEVDRLA RKPNSVVISC GMKLNLDYLL EMLWEYLALT CIYTKKRGQR PDFTDAILR KGASVEHVCH RIHRSLASQF KYALVWGTST KYSPQRVGLT HTMEHEDVIQ IVKK</p>
Source	Baculovirus
Target Names	DRG2
Protein Names	Recommended name: Developmentally-regulated GTP-binding protein 2 Short name= DRG-2
Expression Region	1-364
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	The DRG2 gene encodes the developmentally regulated GTP-binding protein 2, a name derived from the fact that it shares significant similarity to known GTP-binding proteins. DRG2 was identified because it is expressed in normal fibroblasts but not in SV40-transformed fibroblasts. Read-through transcripts containing this gene and a downstream gene have been identified, but they are not thought to encode a fusion protein. This gene is located within the Smith-Magenis syndrome region on chromosome 17.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.