

Recombinant Bovine Gap junction delta-2 protein(GJD2)

Catalog No: #AP89631

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Package Size: #AP89631-1 20ug

Description

Product Name	Recombinant Bovine Gap junction delta-2 protein(GJD2)
Brief Description	Recombinant Bovine Gap junction delta-2 protein(GJD2)
Host Species	in vitro E.coli expression system
Target Name	GJD2
Other Names	GJD2; GJA9Gap junction delta-2 protein; Connexin-36; Cx36; Gap junction alpha-9 protein
Accession No.	Swiss_Prot:Q866T7
Uniprot	Q866T7
Target Species	Bos taurus (Bovine)
Target Length	Full length, 1-321aa
Tag Info	N-terminal 10xHis-tagged
Target Sequence	<p>MGEWTILERLLEAAVQQHSTMIGRILLTVVVIFRILIVAIVGETVYDDEQTMFVCNTLQP</p> <p>GCNQACYDRAFPISHIRYWVFQIIMVCTPSLCFITYSVHQSAKQRERRYSTVFLALDRDP</p> <p>PESMGPGGTGGGGSGGGKREDKKLQNAIVNGVLQNTENTSKETEPDCLEVKELTPHPSG</p> <p>LRTASRSKLRRQEGISRFYIIQVFRNALEIGFLVGQYFLYGFSVPGLYECDRYPCIKEV</p> <p>ECYVSRPTEKTVFLVFMFAVSGICVVLNLAELNHLGWRKIKLAVRGAQAKRKSVEIRNK</p> <p>DLPRVSVPNFGRTQSSDSAYV</p>
Formulation	Tris-based buffer,50% glycerol
Storage	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/½O ₂ /½/-80°C/½O ₂ /½. The shelf life of lyophilized form is 12 months at -20°C/½O ₂ /½/-80°C/½O ₂ /½.

Background

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. Interneuronal communication at gap junctions made by connexin 36 may not be regulated by direct phosphorylation of connexin 36, but possibly by phosphorylation of associated proteins. PMID: 14658767

Note: This product is for in vitro research use only