

Recombinant human Delta-like protein 3

Catalog No: #AP73135

Package Size: #AP73135-1 20ug #AP73135-2 100ug #AP73135-3 1mg

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Description

Product Name	Recombinant human Delta-like protein 3
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-492aaSequence Info:Extracellular Domain
Other Names	Drosophila Delta homolog 3 ;Delta3
Accession No.	Q9NYJ7
Uniprot	Q9NYJ7
GeneID	10683;
Calculated MW	50.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AGVFELQIHSFGPGPGAPRSPCSARLPCRLFFRVCLKPGLSEEAESPICALGAALSARGPVYTEQPGAPA PDLPLPDGLLQVPPFRDAWPGTFSFIETWREELGDQIGGPAWSLLARVAGRRRLAAGGPWARDIQRAGAWEL RFSYRARCEPPAVGTACTRLCRPRSAPSRGGLRRCAPLEDECEAPLVCRAGCSPEHGFCEQPGECRCLE GWTGPLCTVPVSTSSCLSPRGPSATTGCLVPGPGCDGNPCANGGSCSETPRSFECTCPRGFYGLRCEVS GVTCADGPCFNGGLCVGGADPDSAYICHCPPGFQGSNCEKRVDRCSLQPCRNGGLCLDLGHALRCRCRAG FAGPRCEHDLDDCAGRACANGGTCVEGGGAHRCSCALGFGRDCRERADPCAARPCAHHGRCYAHFSGL VCACAPGYMGARCEFPVHPDGASALPAAPPGLRPGDPQRYL
Formulation	Tris-based buffer50% 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,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Inhibits primary neurogenesis. May be required to divert neurons along a specific differentiation pathway. Plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm .

References

Mutations in the human delta homologue, DLL3, cause axial skeletal defects in spondylocostal dysostosis.Bulman M.P., Kusumi K., Frayling T.M., McKeown C., Garrett C., Lander E.S., Krumlauf R., Hattersley A.T., Ellard S., Turnpenny P.D.Nat. Genet. 24:438-441(2000)Research
Topic:Developmental Biology

Note: This product is for in vitro research use only