Delta-like protein 3 (DLL3) Active Protein | DLL3 active protein

Recombinant Human Delta-like protein 3 (DLL3), partial

CATALOG #	HOST
AAA117499	**Mammalian Cell**

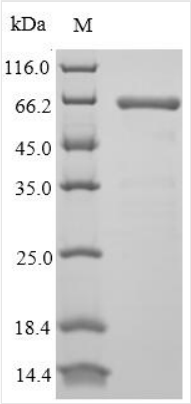
PRODUCT SYNONYMS

Delta-like protein 3 (DLL3); Recombinant Human Delta-like protein 3 (DLL3); partial; Drosophila Delta homolog 3; Delta3; DLL3 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-492aa; Partial
Sequence	AGVFELQIHS FGPGPGPGAP RSPCSARLPC RLFFRVCLKP GLSEEAAESP CALGAALSAR GPVYTEQPGA PAPDLPLPDG LLQVPFRDAW PGTFSFIIET WREELGDQIG GPAWSLLARV AGRRRLAAGG PWARDIQRAG AWELRFSYRA RCEPPAVGTA CTRLCRPRSA PSRCGPGLRP CAPLEDECEA PLVCRAGCSP EHGFCEQPGE CRCLEGWTGP LCTVPVSTSS CLSPRGPSSA TTGCLVPGPG PCDGNPCANG GSCSETPRSF ECTCPRGFYG LRCEVSGVTC ADGPCFNGGL CVGGADPDSA YICHCPPGFQ GSNCEKRVDR CSLQPCRNGG LCLDLGHALR CRCRAGFAGP RCEHDLDDCA GRACANGGTC VEGGGAHRCS CALGFGGRDC RERADPCAAR PCAHGGRCYA HFSGLVCACA PGYMGARCEF PVHPDGASAL PAAPPGLRPG DPQRYL
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DLL3 active protein	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.
Product Categories/Family for DLL3 active protein	Developmental Biology

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) Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries.Otsuki T., Ota T., Nishikawa T., Hayashi K., Suzuki Y., Yamamoto J., Wakamatsu A., Kimura K., Sakamoto K., Hatano N., Kawai Y., Ishii S., Saito K., Kojima S., Sugiyama T., Ono T., Okano K., Yoshikawa Y., Aotsuka S., Sasaki N., Hattori A., Okumura K., Nagai K., Sugano S., Isogai T.DNA Res. 12:117-126(2005) The DNA sequence and biology of human chromosome 19.Grimwood J., Gordon L.A., Olsen A.S., Terry A., Schmutz J., Lamerdin J.E., Hellsten U., Goodstein D., Couronne O., Tran-Gyamfi M., Aerts A., Altherr M., Ashworth L., Bajorek E., Black S., Branscomb E., Caenepeel S., Carrano A.V., Caoile C., Chan Y.M., Christensen M., Cleland C.A., Copeland A., Dalin E., Dehal P., Denys M., Detter J.C., Escobar J., Flowers D., Fotopulos D., Garcia C., Georgescu A.M., Glavina T., Gomez M., Gonzales E., Groza M., Hammon N., Hawkins T., Haydu L., Ho I., Huang W., Israni S., Jett J., Kadner K., Kimball H., Kobayashi A., Larionov V., Leem S.-H., Lopez F., Lou Y., Lowry S., Malfatti S., Martinez D., McCready P.M., Medina C., Morgan J., Nelson K., Nolan M., Ovcharenko I., Pitluck S., Pollard M., Popkie A.P., Predki P., Quan G., Ramirez L., Rash S., Retterer J., Rodriguez A., Rogers S., Salamov A., Salazar A., She X., Smith D., Slezak T., Solovyev V., Thayer N., Tice H., Tsai M., Ustaszewska A., Vo N., Wagner M., Wheeler J., Wu K., Xie G., Yang J., Dubchak I., Furey T.S., DeJong P., Dickson M., Gordon D., Eichler E.E., Pennacchio L.A., Richardson P., Stubbs L., Rokhsar D.S., Myers R.M., Rubin E.M., Lucas S.M.Nature 428:529-535(2004) Mutations in the MESP2 gene cause spondylothoracic dysostosis/Jarcho-Levin syndrome.Cornier A.S., Staehling-Hampton K., Delventhal K.M., Saga Y., Caubet J.-F., Sasaki N., Ellard S., Young E., Ramirez N., Carlo S.E., Torres J., Emans J.B., Turnpenny P.D., Pourquie O.Am. J. Hum. Genet. 82:1334-1341(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393264
NCBI GeneID	10683
NCBI Accession #	NP_058637.1
NCBI GenBank Nucleotide #	NM_016941.3
UniProt Accession #	Q9NYJ7; Q8NBS4; E9PFG2
Molecular Weight	50.5 kDa
NCBI Official Full Name	delta-like protein 3 isoform 1
NCBI Official Synonym Full Names	delta-like 3 (Drosophila)
NCBI Official Symbol	DLL3
NCBI Official Synonym Symbols	SCDO1
NCBI Protein Information	delta-like protein 3
UniProt Protein Name	Delta-like protein 3
UniProt Gene Name	**DLL3**
UniProt Synonym Gene Names	Delta3
UniProt Entry Name	DLL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/mammalian-cell-active-protein/delta-like-protein-3-dll3/117499