

Recombinant Mouse Protein Wnt-3a(Wnt3a)

Catalog No: #AP77807

Package Size: #AP77807-1 20ug #AP77807-2 100ug #AP77807-3 1mg

Description

Product Name	Recombinant Mouse Protein Wnt-3a(Wnt3a)
Host Species	E.coli
Purification	Greater than 85% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-352aaSequence Info:Full Length
Other Names	Wnt-3a
Accession No.	P27467
Calculated MW	40.9 kDa
Tag Info	N-terminal 10xHis-tagged
Target Sequence	SYPIWWSLAVGPQYSSLSTQPILCASIPGLVPKQLRFCRNYVEIMPSVAEGVKAGIQECQHQRGRWNCTTV SNSLAIFGPVLDKATRESAFVHAIASAGVAFVTRSCAEGSAAICGCSSRLQGSPGEGWKWGGCSEIDIEFGG MVSREFADARENRPDARSAMNRHNNNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQPDFRTIGDFLKD KYDSASEMVVEKHRESRGWVETLRPRYTYFKVPTERDLVYYEASPNFCEPNPETGSFGTRDRTCNVSSHGID GCDLLCCGRGHNARTERRREKCHCVFWCCYVSCQECTRVYDVHTCK
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

Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.

References

"The evolutionarily conserved porcupine gene family is involved in the processing of the Wnt family."Tanaka K., Okabayashi H., Asashima M., Perrimon N., Kadowaki T.Eur. J. Biochem. 267:4300-4311(2000)Research Topic:Developmental Biology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.