

Recombinant Mouse Proto-oncogene Wnt-3(Wnt3)

Catalog No: #AP70918

Package Size: #AP70918-1 20ug #AP70918-2 100ug #AP70918-3 1mg

Description

Product Name	Recombinant Mouse Proto-oncogene Wnt-3(Wnt3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-355aaSequence Info:Full Length
Other Names	Proto-oncogene Int-4
Accession No.	P17553
Calculated MW	53.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GYPIWWSLALGQQYTSLASQPLLCGSIPGLVPKQLRFCRNYIEIMPSVAEGVKLGIQECQHQFRGRRWNCTTI DDSLAIFGPVLDKATRESAFVHAIASAGVAFVTRSCAEGTSTICGCDSHHKGPPGEGWKWGGCSEDADFGV LVSREFADARENRPDARSAMNKHNEAGRTTILDHMHKCKCHGLSGSCEVKTCWWAQPDFRAIGDFLKD YDSASEMVVEKHRESRGWVETLRAKYALFKPPTERDLVYENSPNFCEPNPETGSFGTRDRTCNVTSHGIDG CDLLCCGRGHNTRTEKRKEKCHCVFHWCCYVSCQECIRIYDVHTCK
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 mbers 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

Reciprocal regulation of Wnt and Gpr177,mouse Wntless is required for embryonic axis formation.Fu J., Jiang M., Mirando A.J., Yu H.-M., Hsu W.Proc. Natl. Acad. Sci. U.S.A. 106:18598-18603(2009) Research Topic:Others

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