

Recombinant Human Protein Wnt-4(WNT4)

Catalog No: #AP70919

Package Size: #AP70919-1 20ug #AP70919-2 100ug #AP70919-3 1mg

Description

Product Name	Recombinant Human Protein Wnt-4(WNT4)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-351aaSequence Info:Full Length of Mature Protein
Accession No.	P56705
Calculated MW	52.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SNWLYLAKLSSVGSISEEETCEKLKGLIQRQVQMCKRNLEVMDSVRRGAQLAIEECQYQFRNRRWNCSTLDS LPVFGKVVTQGTREAAFYVAISSAGVAFVTRACSSGELEKCGCDRTVHGVSPQGFQWSGCSDNIAYGVAFS QSFVDVRERSKGASSSRALMNLHNNEAGRKAILTHMRVECKCHGVSGSCEVKTCWRAVPPFRQVGHALKEK FDGATEVEPRRVGSSRALVPRNAQFKPHTDEDLVYLEPSPDFCEQDMRSGVLGTRGRTCNKTSKAIDGCELL CCGRGFHTAQVELAERCSCFKFWCCFVKCRQCQRLVELHTCR
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. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters . Overexpression may be associated with abnormal proliferation in human breast tissue.

References

Molecular cloning and characterization of six novel human WNT genes.Testa T.T., Mossakowska D.E., Carter P.S., Hu E., Zhu Y., Kelsell D.P., Murdock P.R., Herrity N.C., Lewis C.J., Cross D.A., Culbert A.A., Reith A.D., Barnes M.R.Up-regulation of wnt-4 signaling and dosage-sensitive sex reversal in humans.Jordan B.K., Mohammed M., Ching S.T., Delot E., Chen X.N., Dewing P., Swain A., Rao P.N., Elejalde B.R., Vilain E.Am. J. Hum. Genet. 68:1102-1109(2001)Research Topic:Signal Transduction

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