

Recombinant *Xenopus laevis* Protein Wnt-8

Catalog No: #AP72935



Package Size: #AP72935-1 20ug #AP72935-2 100ug #AP72935-3 1mg

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Description

Product Name	Recombinant <i>Xenopus laevis</i> Protein Wnt-8
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-358aaSequence Info:Full Length
Accession No.	P28026
Uniprot	P28026
GeneID	397970;
Calculated MW	39.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AWSVNNFLMTGPKAYLTYASVAVGAQNGIEECKYQFAWERWNCPESTLQLATHNGLRSATRETSFVHAISS AGVMYTLTRNCMGMDFDNCGDDSRNGRIGGRGWVWGGCSDNAEFGERISKLFVDGLETQQDARALMNLH NNEAGRLAVKETMKRTCKCHGISGSCSIQTCWLQLAEFRDIGNHLKIKHDQALKLEMDKRKMRSGNSADNRG AIADAFSSVAGSELIFLEDSPDYCLKNISLGLQGTEGRECLQSGKNLSQWERRSCKRLCTDCGLRVEEKKTEII SSCNCKFHWCCVKCEQCKQVVIKHFCAARRERDSNMLNTRKKNRGHRR
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. Plays a role in ventral mesodermal patterning during embryogenesis. Mimics Nieuwkoop center activity. Causes dorsal mesodermal differentiation of animal cap ectoderm when coexpressed with noggin and nuclear, sequence-specific DNA-binding protein xBra. None of these molecules causes dorsal mesoderm formation when expressed alone.

References

The head inducer Cerberus is a multifunctional antagonist of Nodal, BMP and Wnt signals.Piccolo S., Agius E., Leyns L., Bhattacharyya S., Grunz H., Bouwmeester T., De Robertis E.M.Nature 397:707-710(1999)Research Topic:Others

Note: This product is for in vitro research use only