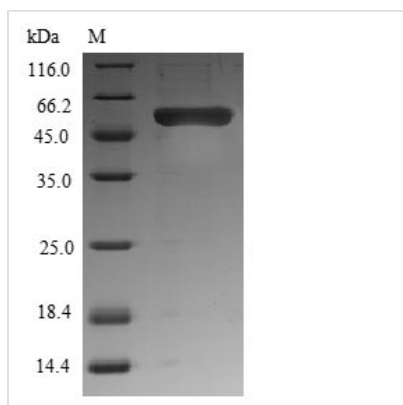




Recombinant *Xenopus laevis* Protein Wnt-8 (wnt8)

Product Code	CSB-EP340936XBE
Relevance	Ligand for mbers of the frizzled family of seven transmbane receptors. Plays a role in ventral mesodermal patterning during bryogenesis. 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.
Abbreviation	Recombinant <i>Xenopus laevis</i> wnt8 protein
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.
Uniprot No.	P28026
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	AWSVNNFLMTGPKAYLTYSASVAVGAQNGIEECKYQFAWERWNCPESTLQL ATHNGLRSATRETSFVHAISSAGVMYTLTRNCMGMDFDNCGCDDSRNNGRIGG RGWVWGGCSDNAEFGERISKLFVDGLETGQDARALMNLHNNEAGRLAVKET MKRTCKCHGISGSCSIQTCWLQLAEFRDIGNHLKIKHDQALKLEMDKRKMRS NSADNRGAIADAFSSVAGSELIFLEDSPDYCLKNISLGLQGTEGRECLQSGKNL SQWERRSCKRLCTDCGLRVEEKKTEIISSCNCKFHWCCCTVKCEQCKQVVIKH FCARRERDSNMLNTRKKNRGHRR
Research Area	Others
Source	E.coli
Target Names	wnt8
Protein Names	Recommended name: Protein Wnt-8 Short name= XWnt-8
Expression Region	23-358aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-B2M-tagged
Mol. Weight	51.7 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.