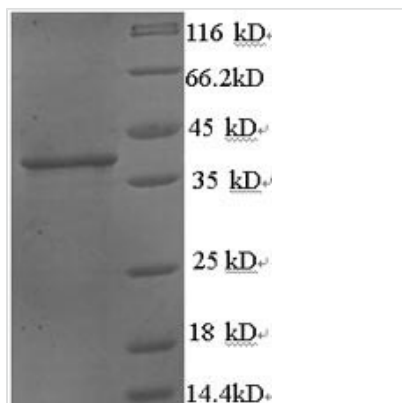


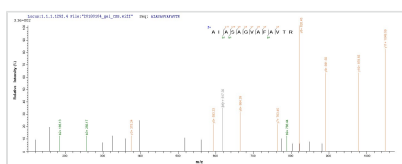


# Recombinant Human Protein Wnt-3a (WNT3A), partial

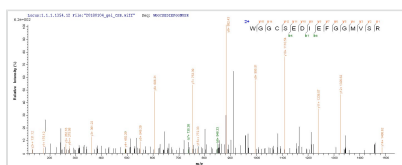
<b>Product Code</b>	CSB-EP026136HU1
<b>Relevance</b>	Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.
<b>Abbreviation</b>	Recombinant Human WNT3A protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P56704
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	SYPIWWSLAVGPQYSSLGSQPILCASIPGLVPKQLRFCRNYVEIMPSVAEGIKI GIQECQHQRGRRWNCCTTVHDSLAIFGPVLDKATRESAFVHAIASAGVAFVAVT RSCAEGTAAICGCSSRHQGSPPGKGWKWGGCSEIDIEFGGMVSREFADAREN RPDARSAMNRHNNNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQPDFR AIGDFLKDKYDSASEMVVEKHRESRGWVETLRPRYTYFKVPTERDLVYYEASP NFCEPNPETGSFGTRDRTCNVSSHGIDGCDLLCCGRGHNARAERRREKCRG VFHWCCYVSCQECTRVYDVHTC
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	WNT3A
<b>Expression Region</b>	19-351aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	41.3kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-RP155494h could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) WNT3A.



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## Description

WNT3A protein CSB-EP026136HU1 is a recombinant human partial-length protein produced in E.coli. A DNA sequence encoding 19-351aa of human WNT3A protein was fused with an N-terminal 6xHis-tag and then contained within the protein. The purity of this WNT3A protein is greater than 90% as determined by SDS-PAGE. And it was elevated in the LC-MS/MS Analysis. CUSABIO provides in-stock WNT3A proteins and reduces the time for the products to reach the laboratory table.

WNT3A is a member of canonical WNT ligand and modulates different pleiotropic cellular functions such as self-renewal, proliferation, differentiation, and motility. It is closely related to the etiology and pathology of numerous diseases including cancer. Depending on cancer type, WNT3A augments or inhibits metastasis, cell proliferation, and apoptosis of cancer cells.

## 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.