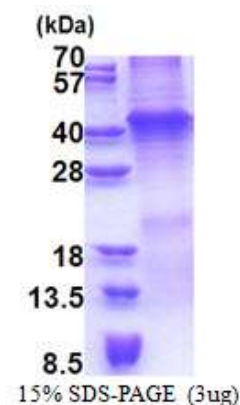


## WNT-7a, Human Recombinant

<b>CATALOG NO:</b>	P1195-20      20 µg P1195-100      100 µg
<b>ALTERNATE NAMES:</b>	WNT7A, Protein Wnt-7a
<b>CONCENTRATION:</b>	1 mg/ml (determined by Bradford assay)
<b>SOURCE:</b>	<i>E.coli</i> (32-349aa)
<b>PURITY:</b>	>85% by SDS-PAGE
<b>MOL. WEIGHT:</b>	This protein is fused with 6x His tag at N terminus and the protein has a calculated MW of 38.0 kDa (341aa)
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>STORAGE CONDITIONS:</b>	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freeze/thaw cycles.
<b>SEQUENCE:</b>	MGSSHHHHHH SGLVPRGSH MGSLGASIIC NKIPGLAPRQ RAICQSRPDA IIVIGESQMG GLDECQFQFR NGRWNCSALG ERTVFGKELK VGSREAAFTY AIIAAGVAHA ITAACTQGNL SDCGCDKEKQ GQYHRDEGWK WGGCSADIRY GIGFAKVFVD AREIKQNART LMNLHNNEAG RKILEENMKL ECKCHGVSGS CTTKTCWTTL PQFRELGIVL KDKYNEAVHV EPVRASRNKR PTFLKIKKPL SYRKPMDDL VYIEKSPNYC EEDPVTGSSVG TQGRACNKTA PQASGCDLMC CGRGYNTHQY ARVWQCNCCKF HWCCYVKCNT CSERTEMYTC K
<b>DESCRIPTION:</b>	WNT7A is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi/Raas-Rothschild/Schinzel phocomelia syndromes. Recombinant human WNT7A protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> .



Human recombinant WNT-7a

### RELATED PRODUCT:

- Wnt Antagonist, C59 (**Cat. No. 2063**)
- EZSolution™ Wnt Antagonist, C59 (**Cat. No. 9493**)
- Wnt-2 Antibody (**Cat. No. 6671**)
- Wnt-6 Antibody (**Cat. No. 3570**)
- Wnt-1 Antibody (**Cat. No. 3571**)
- Wnt-2 Antibody (**Cat. No. 3572R**)
- Wnt-4 Antibody (**Cat. No. 3574R**)
- Wnt-1 Antibody (**Cat. No. 5754**)
- Wnt-6 Blocking Peptide (**Cat. No. 3570BP**)
- Wnt-2, human recombinant (**Cat. No. 7599**)
- WNT-1, human recombinant (**Cat. No. 4754**)
- Wnt-4 Blocking Peptide (**Cat. No. 3574BP**)
- Wnt-2 Blocking Peptide (**Cat. No. 3572RBP**)
- Wnt-1 Blocking Peptide (**Cat. No. 3571BP**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**