

Wingless-Type MMTV Integration Site Family, Member 7A Human Re-

Item Number	rAP-0815
Synonyms	Wingless-Type MMTV Integration Site Family, Member 7A, Proto-Oncogene Wnt7a Protein, Protein Wnt-7a.
Description	WNT7A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (32-349 a.a) and having a molecular mass of 38kDa.WNT7A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O00755
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSLGASIIC NKIPGLAPRQ RAICQSRPDA IIVIGEGSQM GLDEC-QFQFR NGRWNCALG ERTVFGKELK VGSREAAFTY AIIAAGVAHA ITAACTQGNL SDCGCDKEKQ GQYHRDEGWK WGGCSADIRY GIGFAKVFVD AREIKQNART LMNLHNNEAG RKILEENMKL ECK-CHGVSGS CTTKTCWTTL PQFRELGYVL KDKYNEAVHV EPVRASRNKR PTFLEKIKKPL SYRKPMDDL VYIEKSPNYC EEDPVTGSVG TQGRACNKTA PQASGCDLMC CGRGYNTHQY ARVWQCCKF
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	WNT7A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**