9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

WNT7A Human

Wingless-Type MMTV Integration Site Family, Member 7A Human Recombinant CYK0627

Product Overview

Name	WNT7A Human
Description	
Wingless-Type MMTV Integration Site Family, Member 7A Human Recombinant	
Accession (Primary)	O00755
Synonyms	
Wingless-Type MMTV Integration Site Family, Member 7A, Proto-Oncogene Wnt7a Protein, Protein Wnt-7a.	
Introduction	
Wingless-Type MMTV Integration Site Family, Member 7A also known as WNT7A belongs to the WNT gene family, this family consists of structurally related genes which 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. WNT7A is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays an essential role in uterine smooth muscle pattering and maintenance of adult uterine function. In addition, Mutations in WNT7A have been associated with Fuhrmann and Al-Awadi Raas-Rothschild Schinzel phocomelia syndromes.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
WNT7A protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
Stability	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LGASIIC NKIPGLAPRQ RAICQSRPDA IIVIGEGSQM GLDECQFQFR NGRWNCSALG ERTVFGKELK VGSREAAFTY AIIAAGVAHA ITAACTQGNL SDCGCDKEKQ GQYHRDEGWK	

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WGGCSADIRY GIGFAKVFVD AREIKQNART LMNLHNNEAG RKILEENMKL ECKCHGVSGS CTTKTCWTTL PQFRELGYVL KDKYNEAVHV EPVRASRNKR PTFLKIKKPL SYRKPMDTDL VYIEKSPNYC EEDPVTGSVG TQGRACNKTA PQASGCDLMC CGRGYNTHQY ARVWQCNCKF HWCCYVKCNT CSERTEMYTC K.

Precautions

WNT7A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00755)