

Active Recombinant Human WNT7A Protein

Cat. No. WNT7A-42H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of Human wingless-type MMTV integration site family, member 7A (WNT7A) was expressed in HEK293 cells with no tag.
Species	Human
Source	HEK293
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Determined by its ability to inhibit Wnt3a induced alkaline phosphatase production in MC3T3-E1 cells. The expected ED50 for this effect is 40-60 ng/ml.
Molecular Mass	35.5 kDa
AA Sequence	LGASII CNKIPGLAPRQRAICQSRPD AII VIGEGSQMGLDECQFQFRNGRWNC SALGE RTVFGKELKVGSR EAAFTYAIIAAGVAHAITAACTQGNLSDCGCDKEKQGQYHRDE GWKWGGCSADIRYGIGFAKVFDAREIKQNARTLMNLHNNEAGRKILEENMKLECK CHGVSGSCTTKTCWTTLPQFRELGYVLKDKYNEAVHVEPVRASRNKRPTFLKIKKPL SYRKPMDDLVYIEKSPNYCEEDPVTGSGVTQGRACNKTAPQASGCDLMCCGRGY NTHQYARVWQCNCNKFHWCCYVKCNTCSERTEMYTCK
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining

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GENE INFORMATION

Gene Name	WNT7A wingless-type MMTV integration site family, member 7A [Homo sapiens]
Official Symbol	WNT7A
Synonyms	WNT7A; protein Wnt-7a; proto oncogene Wnt7a protein; proto-oncogene Wnt7a protein
Gene ID	7476
mRNA Refseq	NM_004625
Protein Refseq	NP_004616
MIM	601570
UniProt ID	O00755

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