

Protein Wnt-5a (WNT5A) Recombinant Protein | WNT5A recombinant protein

Recombinant Human Protein Wnt-5a (WNT5A)

CATALOG # AAA18417	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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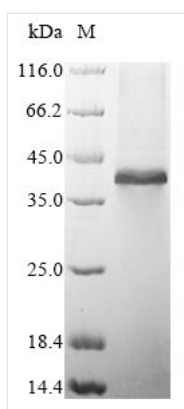
PRODUCT SYNONYMS

Protein Wnt-5a (WNT5A); Recombinant Human Protein Wnt-5a (WNT5A); Protein Wnt-5a; WNT5A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	62-380aa; Full Length of Mature Protein
Sequence	IIGAQPLCSQ LAGLSQGQKK LCHLYQDHMQ YIGEGAKTGI KECQYQFRHR RWCSTVDNT SVFGRVMQIG SRETAFTYAV SAAGVVNAMS RACREGELST CGCSRAARPK DLPRDWLWGG CGDNIDYGYR FAKEFVDARE RERIHAKGSY ESARILMNLH NNEAGRRTVY NLADVACKCH GVSGSCSLKT CWLQLADFRK VGDALKEKYD SAAAMRLNSR GKLQVNSRF NSPTTQDLVY IDPSPDYCVR NESTGSLGTQ GRLCNKTSEG MDGCELMCCG RGYDQFKTVQ TERCHCKFWW CCYVKCKKCT EIVDQFVCK
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for WNT5A recombinant protein	Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt signaling, depending on receptor context. In the presence of FZD4, activates beta-catenin signaling. In the presence of ROR2, inhibits the canonical Wnt pathway by promoting beta-catenin degradation through a GSK3-independent pathway which involves down-regulation of beta-catenin-induced reporter gene expression. Suppression of the canonical pathway allows chondrogenesis to occur and inhibits tumor formation. Stimulates cell migration. Decreases proliferation, migration, invasiveness and clonogenicity of carcinoma cells and may act as a tumor suppressor. Mediates motility of melanoma cells. Required during embryogenesis for extension of the primary anterior-posterior axis and for outgrowth of limbs and the genital tubercle. Inhibits type II collagen expression in chondrocytes.
Product Categories/Family for WNT5A recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	371502087
NCBI GeneID	7474
NCBI Accession #	NP_001243034.1
NCBI GenBank Nucleotide #	NM_001256105.1
UniProt Accession #	P41221; Q6P278; A8K4A4
Molecular Weight	37.8 kDa
NCBI Official Full Name	protein Wnt-5a isoform 2
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 5A
NCBI Official Symbol	WNT5A
NCBI Official Synonym Symbols	hWNT5A
NCBI Protein Information	protein Wnt-5a; WNT-5A protein
UniProt Protein Name	Protein Wnt-5a
UniProt Gene Name	WNT5A
UniProt Entry Name	WNT5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/wnt5a-recombinant-protein-e-coli/18417>