

Proto-oncogene Wnt-1 (Wnt1) Recombinant Protein | Wnt1 recombinant protein

Recombinant Mouse Proto-oncogene Wnt-1 (Wnt1)

CATALOG # AAA113341	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Proto-oncogene Wnt-1 (Wnt1); Recombinant Mouse Proto-oncogene Wnt-1 (Wnt1); Wnt1 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	28-370aa; Full Length of Mature Protein
Sequence	ANSSGRWWGI VNIASSTNLL TDSKSLQLVL EPSLQLLSRK QRRLIRQNPG ILHSVSGGLQ SAVRECKWQF RNRRWNCPTA PGPHLFGKIV NRGCRETAFI FAITSAGVTH SVARSCSEGS IESCTCDYRR RGPGGPDWHW GGCSDNIDFG RLFGRFVDS GEKGRDLRFL MNLHNNEAGR TTVFSEMRQE CKCHGMSGSC TVRTCWMRLP TLRAVGDLR DRFDGASRVL YGNRGSNRAS RAELLRLEPE DPAHKPPSPH DLVYFEKSPN FCTYSGRLGT AGTAGRACNS SSPALDGCEL LCCGRGHRTR TQRVTERCNC TFHWCCHVSC RNCTHTRVLH ECL
Species	Mouse
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.

ADDITIONAL INFORMATION

Related Product Information for Wnt1 recombinant protein	The WNT gene 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. This gene is a member of the WNT gene family. It is very conserved in evolution, and This protein is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in the chromosome 12q13 region.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33469103
NCBI GeneID	22408
NCBI Accession #	NP_067254.1
NCBI GenBank Nucleotide #	NM_021279.4
UniProt Accession #	P04426
Molecular Weight	41,086 Da
NCBI Official Full Name	proto-oncogene Wnt-1

NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 1
NCBI Official Symbol	Wnt1
NCBI Official Synonym Symbols	sw; Int-1; Wnt-1; swaying
NCBI Protein Information	proto-oncogene Wnt-1
UniProt Protein Name	Proto-oncogene Wnt-1
UniProt Gene Name	Wnt1

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://stage.aaabiotech.com/wnt1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113341>