

## Recombinant Mouse Wnt5a protein, His/GST-tagged

**Cat. No.** Wnt5a-2055M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Wnt5a(Ile62~Lys380) fused with His/GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile62~Lys380
<b>Description</b>	Wnt5a played an important role in many functions.
<b>Form</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Molecular Mass</b>	62.2kDa
<b>AA Sequence</b>	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL          EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL          DIRYGVSRIA YSKDFETLKV DFSLKLP EML KMFEDRLCHK TYLNGDHVTH          PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA          WPLQG WQATF GGGDHPPKSD GGPLGSEF- IIGAQPLCS QLAGLSQGQK          KLCHLYQDHM QYIGEGAKTG IKECQYQFRH RRWNCSTVDN TSVFGRVMQI          GSRETAFTYA VSAAGVVNAM SRACREGELS TCGCSRAARP KDLPRDWLWG          GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV          YNLADVACKC HGVSGSCSLK TCWLQLADFR KVG DALKEY DSAAAMRLNS          RGKLVQVNSR FNSPTTQDLV YIDSPDYCV RNESTGSLGT QGRLCNKTSE</p>

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GMDGCELMCC GRGYDQFKTV QTERCHCKFH WCCYVKCKKC TEIVDQFVCK

**Endotoxin** <1.0eu per="" 1g="" (determined="" by="" the="" la="">

**Purity** >95%

**Applications** SDS-PAGE; WB; ELISA; IP.

**Storage** Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name** [Wnt5a wingless-related MMTV integration site 5A \[ Mus musculus \]](#)

**Official Symbol** [Wnt5a](#)

**Synonyms** WNT5A; wingless-related MMTV integration site 5A; protein Wnt-5a; Wnt-5a; 8030457G12Rik;

**Gene ID** [22418](#)

**mRNA Refseq** [NM\\_001256224](#)

**Protein Refseq** [NP\\_001243153](#)

**MIM**

**UniProt ID** [P22725](#)

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<b>Chromosome Location</b>	14 A3; 14 16.8 cM
<b>Pathway</b>	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; ESC Pluripotency Pathways, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
<b>Function</b>	cytokine activity; frizzled binding; frizzled binding; frizzled-2 binding; protein binding; protein domain specific binding; receptor binding; receptor binding; receptor tyrosine kinase-like orphan receptor binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;

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