

Recombinant Mouse Wnt10b Protein (Met1-Lys389), C-His tagged

Cat. No. Wnt10b-6835M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Wnt10b (Met1-Lys389) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Lys389
Description	Predicted to enable cytokine activity and frizzled binding activity. Involved in negative regulation of cold-induced thermogenesis. Acts upstream of or within several processes, including animal organ development; positive regulation of cell differentiation; and regulation of transcription, DNA-templated. Predicted to be located in extracellular region. Predicted to be active in extracellular space. Is expressed in several structures, including genitourinary system; integumental system; nervous system; surface ectoderm; and tooth. Human ortholog (s) of this gene implicated in obesity; split hand-foot malformation 6; and tooth agenesis. Orthologous to human WNT10B (Wnt family member 10B).
Form	Lyophilized powder/frozen liquid
Molecular Mass	43.79 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	Wnt10b wingless-type MMTV integration site family, member 10B [Mus musculus (house mouse)]
Official Symbol	Wnt10b
Synonyms	WNT10B; wingless-type MMTV integration site family, member 10B; protein Wnt-10b; SHFM6; WNT 12; WNT-10B protein; WNT-12;
Gene ID	22410
mRNA Refseq	NM_011718
Protein Refseq	NP_035848
UniProt ID	P48614

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