

Active Recombinant Human Wnt-2/sFRP-1 Complex Protein

Cat. No. WNT2-08H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Wnt-2 (Ser26-Thr360, Accession # P09544.1) and Human sFRP-1 (Ser32-Lys314, Accession # AAB70793.1) Complex Protein without tag was expressed in Chinese Hamster Ovary cell line.
Species	Human
Source	CHO
Bio-activity	Measured by its ability to activate Wnt induced TCF reporter activity in HEK293 human embryonic kidney cells. The ED50 for this effect is 10.0-150 ng/mL.
Molecular Mass	Predicted Molecular Mass: 38 kDa (Wnt-2) & 33 kDa (sFRP-1) SDS-PAGE: 30-45 kDa, under reducing conditions.
N-terminal Sequence Analysis	Ser26 (Wnt-2) & Ser32 (sFRP-1)
Endotoxin	< 0.10 EU/μg of the protein by the LAL method.
Purity	> 90% by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

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Storage Buffer Lyophilized from a 0.2 µm filtered solution in MOPS and NaCl with Trehalose.

Reconstitution Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name WNT2 Wnt family member 2 [Homo sapiens (human)]

Official Symbol WNT2

Synonyms INT1L1; INT1L1secreted growth factor; Int-1-like protein 1; Int-1-related protein; IRP; IRPprotein Wnt-2; wingless-type MMTV integration site family member 2; Wnt2; Wnt-2

Gene ID 7472

mRNA Refseq NM_003391

Protein Refseq NP_003382

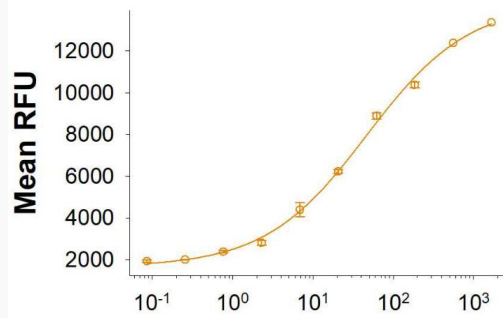
MIM 147870

UniProt ID P09544

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Bioactivity

Recombinant Human Wnt-2/sFRP-1 activates TCF reporter activity in HEK293 human embryonic kidney cells. The ED50 for this effect is 10.0-150 ng/mL.

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