

Recombinant Human WNT4, His-tagged

Cat. No. WNT4-3740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT4 protein(NP_110388.2)(1-351 aa), fused to His-tag, was expressed in E. coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MSPRSCLRSLRLLVFAVFSAAASNWLYLAKLSSVGSISEEETCEKLKGLIQRQVQMC KRNLEVMDSVRRGAQLAIEECQYQFRNRRWNCSTLDSLPPVFGKVVTQGTREAAFV YAISSAGVAFVAVTRACSSGELEKCGCDRTVHGVSPQGFQWSGCSDNIAYGVAFSQ SFVDVRERSKGAASSRALMNLHNEAGRKAILTHMRVECKCHGVSGSCEVKTCWR AVPPFRQVGHALKEKFDGATEVEPRRVGSSRALVPRNAQFKPHTDEDLVYLEPSPD FCEQDMRSGVLGTRGRTCNKTSKAIDGCELLCCGRGFHTAQVELAERCSCCKFHW CFVKCRQCQRLVELHTCR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
 Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	WNT4 wingless-type MMTV integration site family, member 4 [Homo sapiens]
Official Symbol	WNT4
Synonyms	WNT4; wingless-type MMTV integration site family, member 4; protein Wnt-4; WNT 4; WNT-4; SERKAL;
Gene ID	54361
mRNA Refseq	NM_030761.4
Protein Refseq	NP_110388.2
MIM	603490
UniProt ID	P56705

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