

Recombinant Human WNT6 Protein, His&ABP-tagged

Cat. No. WNT6-7H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WNT6 Protein, His&ABP-tagged, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro32-Phe82aa
Description	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 overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. The protein encoded by this gene is 97% identical to the mouse Wnt6 protein at the amino acid level.
Tag	His&ABP
Molecular Mass	20.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may

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experience some loss of protein during the filtration process.

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80°C.
Concentration	>0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
GenelD	7475

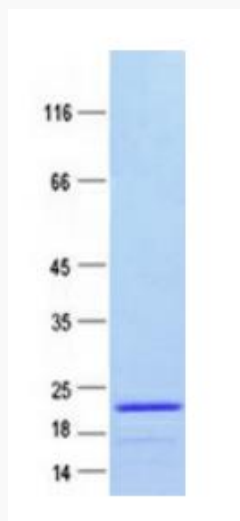
GENE INFORMATION

Gene Name	WNT6 Wnt family member 6 [Homo sapiens (human)]
Official Symbol	WNT6
Synonyms	WNT6,wingless-type MMTV integration site family member 6, protein Wnt-6
mRNA Refseq	NM_006522
Protein Refseq	NP_006513
MIM	604663
UniProt ID	Q9Y6F9

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