

Product datasheet for **TP762586**

WNT5B (NM_032642) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human wingless-type MMTV integration site family, member 5B (WNT5B), transcript variant 1, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding the region full length of WNT5B |
| Tag: | N-GST and C-HIS |
| Predicted MW: | 38.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_116031 |
| Locus ID: | 81029 |
| UniProt ID: | Q9H1J7 |
| RefSeq Size: | 2251 |
| Cytogenetics: | 12p13.33 |
| RefSeq ORF: | 1077 |



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Summary:

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 encodes a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein

Protein Pathways:

Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway

Product images:

Purified recombinant protein WNT5B was analyzed by SDS-PAGE gel and Coomassie Blue Staining.