

## Recombinant Mouse Wnt3a protein, His-tagged

**Cat. No.** Wnt3a-3763M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Wnt3a protein(P27467)(19-352aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 19-352aa                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                       |
| <b>Molecular Mass</b>   | 40.9 kDa                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | SYPIWWSLAVGPQYSSLSTQPILCASIPGLVPKQLRFCRNYVEIMPSVAEGVKAGIQE<br>CQHQFRGRRWNCTTVSNSLAIFGPVLDKATRESAFVHAIASAGVAFVTRSCAEGS<br>AAICGCSSRLQGSPGEGWKWGGCSEIDIEFGGMVSREFADARENRPDARSAMNRH<br>NNEAGRQAIASHMHLKCKCHGLSGSCEVKTCWWSQPDFRTIGDFLKDKYDSASEM<br>VVEKHRESRGWVETLRPRYTYFKVPTERDLVYYEASPNFCEPNPETGSFGTRDRTC<br>NVSSHGIDGCDLLCCGRGHNARTERRREKCHCVFHWCCYVSCQECTRVYDVHTC<br>K |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                            |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name**

Wnt3a wingless-related MMTV integration site 3A [ *Mus musculus* ]

**Official Symbol**

Wnt3a

**Synonyms**

WNT3A; wingless-related MMTV integration site 3A; protein Wnt-3a; vestigial tail; vt; Wnt-3a;

**Gene ID**

22416

**mRNA Refseq**

NM\_009522

**Protein Refseq**

NP\_033548

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