

## Recombinant Mouse Ift52 Protein, Myc/DDK-tagged

**Cat. No.** Ift52-3486M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length intraflagellar transport 52 (Ift52), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Involved in ciliogenesis as part of a complex involved in intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia. Required for the anterograde transport of IFT88. |
| <b>Molecular Mass</b>   | 48.2 kDa                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                        |

### GENE INFORMATION

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|                 |                                                                                                                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | <a href="#">lft52 intraflagellar transport 52 [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                |
| Official Symbol | <a href="#">lft52</a>                                                                                                                                                                                                                                           |
| Synonyms        | <a href="#">lft52</a> ; <a href="#">intraflagellar transport 52</a> ; <a href="#">NGD</a> ; <a href="#">NGD5</a> ; <a href="#">BC037708</a> ; <a href="#">intraflagellar transport protein 52 homolog</a> ; <a href="#">intraflagellar transport 52 homolog</a> |
| Gene ID         | <a href="#">245866</a>                                                                                                                                                                                                                                          |
| mRNA Refseq     | <a href="#">NM_172150</a>                                                                                                                                                                                                                                       |
| Protein Refseq  | <a href="#">NP_742162</a>                                                                                                                                                                                                                                       |
| UniProt ID      | <a href="#">Q62559</a>                                                                                                                                                                                                                                          |

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