

Recombinant Mouse Ift43 Protein, Myc/DDK-tagged

Cat. No. Ift43-3485M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length intraflagellar transport 43 (Ift43), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	As a component of IFT complex A (IFT-A), a complex required for retrograde ciliary transport and entry into cilia of G protein-coupled receptors (GPCRs), it is involved in ciliogenesis. Involved in retrograde ciliary transport along microtubules from the ciliary tip to the base.
Molecular Mass	22.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	lft43 intraflagellar transport 43 [Mus musculus (house mouse)]
Official Symbol	lft43
Synonyms	lft43; intraflagellar transport 43; R75064; 1700019E19Rik; intraflagellar transport protein 43 homolog; intraflagellar transport 43 homolog
Gene ID	76411
mRNA Refseq	NM_029601
Protein Refseq	NP_083877
UniProt ID	Q9DA69

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