

Recombinant Mouse Nphp4 Protein (Gly760-Gln1425), C-His tagged

Cat. No. Nphp4-6759M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Nphp4 (Gly760-Gln1425) fused with the C-terminal His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly760-Gln1425
Description	Acts upstream of or within several processes, including flagellated sperm motility; photoreceptor cell maintenance; and photoreceptor cell outer segment organization. Located in several cellular components, including ciliary base; photoreceptor distal connecting cilium; and ribbon synapse. Used to study nephronophthisis 4. Human ortholog (s) of this gene implicated in Joubert syndrome 4; Senior-Loken syndrome; congenital heart disease; nephronophthisis; and nephronophthisis 4. Orthologous to human NPHP4 (nephrocystin 4).
Form	Lyophilized powder
Molecular Mass	74.26 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
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Shipping	They are shipped out with blue ice unless customers require otherwise.
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GENE INFORMATION

Gene Name	Nphp4 nephronophthisis 4 (juvenile) homolog (human) [Mus musculus (house mouse)]
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Official Symbol	Nphp4
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Synonyms	Nphp4; nephronophthisis 4 (juvenile) homolog (human); nmf192; 4930564O18Rik; nephrocystin-4; nephroretinin
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Gene ID	260305
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mRNA Refseq	NM_001355738
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Protein Refseq	NP_001342667
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UniProt ID	P59240
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