

Recombinant Mouse Gapdhs Protein, Myc/DDK-tagged

Cat. No. Gapdhs-3151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glyceraldehyde-3-phosphate dehydrogenase, spermatogenic (Gapdhs), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility.
Molecular Mass	47.4 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	Gapdhs glyceraldehyde-3-phosphate dehydrogenase, spermatogenic [Mus musculus (house mouse)]
Official Symbol	Gapdhs
Synonyms	GAPDHS; glyceraldehyde-3-phosphate dehydrogenase, spermatogenic; glyceraldehyde-3-phosphate dehydrogenase, testis-specific; GAPDH-2; spermatogenic glyceraldehyde-3-phosphate dehydrogenase; spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2; Gapds; Gapd-s
Gene ID	14447
mRNA Refseq	NM_008085
Protein Refseq	NP_032111
UniProt ID	Q64467

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