Recombinant Mouse Ndrg4 Protein, Myc/DDK-tagged

Cat. No. Ndrg4-4326M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length N-myc downstream regulated gene 4 (Ndrg4), transcript variant B, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Contributes to the maintenance of intracerebral BDNF levels within the normal range, which is necessary for the preservation of spatial learning and the resistance to neuronal cell death caused by ischemic stress. May enhance growth factor-induced ERK1 and ERK2 phosphorylation. May attenuate NGF-promoted ELK1 phosphorylation in a microtubule-dependent manner.
Molecular Mass	37.2 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

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ndrg4 N-myc downstream regulated gene 4 [Mus musculus (house mouse)]
Official Symbol	Ndrg4
Synonyms	NDRG4; N-myc downstream regulated gene 4; protein NDRG4; protein Ndr4; N-myc downstream regulated 1, related sequence; Ndr4; R74996; SMAP-8; Ndr1-rs; D8Bwg1337e; MGC7067
Gene ID	234593
mRNA Refseq	NM_145602
Protein Refseq	NP_663577
UniProt ID	Q8BTG7

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