

Recombinant Mouse Degs1 Protein, Myc/DDK-tagged

Cat. No. Degs1-2522M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length delta(4)-desaturase, sphingolipid 1 (Degs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has sphingolipid-delta-4-desaturase activity. Converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine). Catalyzes the equilibrium isomerization of retinol S.
Molecular Mass	38.7 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.

GENE INFORMATION

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Gene Name	Degs1 delta(4)-desaturase, sphingolipid 1 [Mus musculus (house mouse)]
Official Symbol	Degs1
Synonyms	DEGS1; degenerative spermatocyte homolog 1 (Drosophila); sphingolipid delta(4)-desaturase DES1; dihydroceramide desaturase; Degs; Des1; Mdes; AA536663
Gene ID	13244
mRNA Refseq	NM_007853
Protein Refseq	NP_031879
UniProt ID	O09005

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