Recombinant Human DEGS1 Protein, MYC/DDK-tagged

Cat. No. DEGS1-434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DEGS1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. This protein contains three His-containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It is predicted to be a multiple membrane-spanning protein localized to the endoplasmic reticulum. Overexpression of this gene inhibited biosynthesis of the EGF receptor, suggesting a possible role of a fatty acid desaturase in regulating biosynthetic processing of the EGF receptor.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	DEGS1 delta(4)-desaturase, sphingolipid 1 [Homo sapiens]
Official Symbol	DEGS1
Synonyms	DEGS1; delta(4)-desaturase, sphingolipid 1; degenerative spermatocyte homolog 1, lipid desaturase (Drosophila); sphingolipid delta(4)-desaturase DES1; DEGS 1; Des 1; DES1; FADS7; MLD; sphingolipid delta(4) desaturase 1; membrane lipid desaturase; dihydroceramide desaturase; sphingolipid delta 4 desaturase; migration-inducing gene 15 protein; sphingolipid delta(4)-desaturase 1; membrane fatty acid (lipid) desaturase; cell migration-inducing gene 15 protein; degenerative spermatocyte homolog, lipid desaturase; degenerative spermatocyte homolog 1, lipid desaturase; DEGS; Des-1; MIG15; DEGS-1; MGC5079;
Gene ID	8560
mRNA Refseq	NM_003676
Protein Refseq	NP_003667
UniProt ID	O15121

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