

## Product datasheet for **TP504702**

### Degs1 (NM\_007853) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse delta(4)-desaturase, sphingolipid 1 (Degs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204702 representing NM_007853 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGSRVSREEFEWVYTDQPHAARRKEILAKYPEIKSLMKPDHNLIVIVAMMLLVQLASFYLVKDLDWKWWI FWSYVFGSCLNHSMTLAIHEISHNFPFGHHKALWNRWFGMFANLSLGVYPYSISFKRYHMDHHRYLGADKI DVDIPTDFEGWFFCTTFRKFVWVILQPLFYAFRPLFINPKPITYLEIINTVIQITFDIIIIYVFGVKS LV YMLAATLLGLGLHPISGHFIAEHYMFLLKGHETYSYGPLNLLTFNVGYHNEHDFPNVPGKNLPMVRKIA SEYYDDLPHYNSWIKVLYDFVTDDTISPYSRMKRPPKGN EILE</p> <p><b>TR</b>TRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	38.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_031879</a></u>
Locus ID:	13244
UniProt ID:	<u><a href="#">O09005</a></u>



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<b>RefSeq Size:</b>	2005
<b>Cytogenetics:</b>	1 H5
<b>RefSeq ORF:</b>	969
<b>Synonyms:</b>	AA536663; Degs; Des1; Mdes
<b>Summary:</b>	Has sphingolipid-delta-4-desaturase activity. Converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine).[UniProtKB/Swiss-Prot Function]