

## Recombinant Mouse Eogt Protein, His-tagged

Cat. No. Eogt-7138M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Eogt Protein with a His tag.
<b>Species</b>	Mouse
<b>ProteinLength</b>	20-527
<b>Description</b>	Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). Specifically glycosylates the Thr residue located between the fifth and sixth conserved cysteines of folded EGF-like domains.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	60.4 kDa
<b>AA Sequence</b>	DKAHSEADDAPGKALYDYSSLRLPAEHIPFFLHNNRHVASVCREDSHCPYKKHLENL NYCWGYEKSCAPEFRFGSPVCSYVDLGTDTLESAQDMFWRQADFGYARERLGE IRTICQPERASDSSLVCSRYLQYCRATGLYDLRNIKRNHDRFKEDFLQGGEIGGYC KLDHALVSEGQRKSPLQSWFAELQGYTQLNFRPIEDAKCDIVVEKPTYFMKLDAGI NMYHHFCDFLNLYLTQHVNNSFSTDVYIVMWDTSTYGYGDLFSDTWKAFTDYDVIH LKTYDSKKVCFKEAVFSLLPRMRYGLFYNTPLISGCQNTGLFRAFSQHVLHRLNITQE GPKDGKVRVTILARSTEYRKILNQDELVNALKTVSTFEVRVVDYKYRELGLDQLRIT HNTDIFIGMHGAGLTHLLFLPDWAAVFELYNCEDERCYLDLARLRGIHYITWRKPSKV FPQDKGHHPTLGEHPKFTNYSFDVEEFMYLVLQAAEHVLQHPQWPFKKKHDELLEH HHHHH

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<b>Endotoxin</b>	< 1.0 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 85 % by SDS-PAGE
<b>Stability</b>	Shelf life: one year from despatch.
<b>Storage</b>	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
<b>Concentration</b>	0.5 mg/mL (determined by absorbance at 280nm)
<b>Storage Buffer</b>	Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

## GENE INFORMATION

<b>Gene Name</b>	Eogt EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Eogt
<b>Synonyms</b>	Eogt; EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase; Aer61; AI447490; AW214473; AW259391; A130022J15Rik;
<b>Gene ID</b>	101351
<b>mRNA Refseq</b>	NM_175313
<b>Protein Refseq</b>	NP_780522
<b>UniProt ID</b>	Q8BYW9

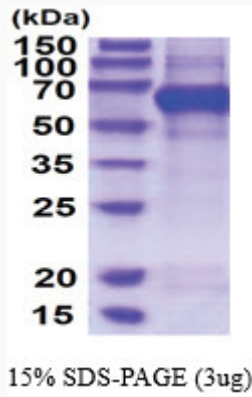
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SDS-PAGE



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