

Recombinant Mouse Eogt Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Eogt Protein with a His tag.
Species	Mouse
ProteinLength	20-527
Description	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.
Form	Liquid
Molecular Mass	60.4 kDa
AA Sequence	DKAHSEADDAPGKALYDYSSLRLPAEHIPFFLHNNRHVASVCREDSHCPYKKHLENL NYCWGYEKSCAPEFRFGSPVCSYVDLGWTDLTLESAQDMFWRQADFGYARERLGE IRTICQPERASDSSLVCSRYLQYCRATGLYDLRNIKRNHDRFKEDFLQGGEIGGYC KLDHALVSEGQRKSPLQSWFAELQGYTQLNFRPIEDAKCDIVVEKPTYFMKLDAGI NMYHHFCDFLNLYLTQHVNNSFSTDVYIVMWDSTYGYGDLFSDTWKAFTDYDVIH LKTYDSKKVCFKEAVFSLLPRMRYGLFYNTPLISGCQNTGLFRAFSQHVLHRLNITQE GPKDGKVRVTILARSTEYRKILNQDELVNALKTVSTFEVRVVDYKYRELGLDQLRIT HNTDIFIGMHGAGLTHLLFLPDWAAVFELYNCEDERCYLDLARLRGIHYITWRKPSKV FPQDKGHHPTLGEHPKFTNYSFDVEEFMYLVLQAAEHVLQHPQWPFKKKHDELLEH HHHHH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

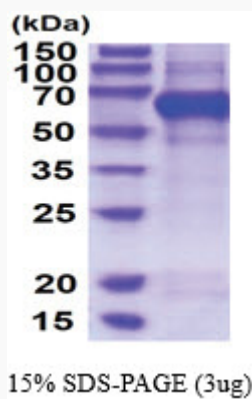
Gene Name	Eogt EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase [Mus musculus (house mouse)]
Official Symbol	Eogt
Synonyms	Eogt; EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase; Aer61; AI447490; AW214473; AW259391; A130022J15Rik;
Gene ID	101351
mRNA Refseq	NM_175313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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA