

Recombinant Mouse Eogt Protein, MYC/DDK-tagged

Cat. No. Eogt-179M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase (Eogt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	61.4 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 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

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; EGF domain-specific O-linked N-acetylglucosamine transferase; extracellular O-linked N-acetylglucosamine transferase; EC 2.4.1.255
Gene ID	101351
mRNA Refseq	NM_175313
Protein Refseq	NP_780522
UniProt ID	Q8BYW9

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