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Product datasheet for TP508456

Eogt (NM_175313) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase (Eogt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208456 protein sequence Red=Cloning site Green=Tags(s) MLMLLVFGVLLHEVPLSGQDKAHSEADDAPGKALYDYSSLRLPAEHIPFFLHNNRHVASVCREDSHCPYK KHLENLNYCWGYEKSCAPEFRFGSPVCSYVDLGWTDTLESAQDMFWRQADFGYARERLGEIRTICQPERA SDSSLVCSRYLQYCRATGLYLDLRNIKRNHDRFKEDFLQGGEIGGYCKLDSHALVSEGQRKSPLQSWFAE LQGYTQLNFRPIEDAKCDIVVEKPTYFMKLDAGINMYHHFCDFLNLYLTQHVNNSFSTDVYIVMWDTSTY GYGDLFSDTWKAFTDYDVIHLKTYDSKKVCFKEAVFSLLPRMRYGLFYNTPLISGCQNTGLFRAFSQHVL HRLNITQEGPKDGKVRVTILARSTEYRKILNQDELVNALKTVSTFEVRVVDYKYRELGFLDQLRITHNTD IFIGMHGAGLTHLLFLPDWAAVFELYNCEDERCYLDLARLRGIHYITWRKPSKVFPQDKGHHPTLGEHPK FTNYSFDVEEFMYLVLQAAEHVLQHPQWPFKKKHDEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	61.4 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:	NP_780522

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Locus ID:	101351
UniProt ID:	Q8BYW9
RefSeq Size:	3205
Cytogenetics:	6 D3
RefSeq ORF:	1581
Synonyms:	A130022J15Rik; Aer61; AI447490; AW214473; AW259391
Summary:	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.[UniProtKB/Swiss-Prot Function]