

Eogt, 20-527aa, Mouse, His tag, Baculovirus

Cat.NO.: TP02026

3th Edition

Synonyms:EGF domain-specific O-linked N-acetylglucosamine transferase, EOGT, A130022J15RiK, Aer61, AI447490, AW214473, AW259391

Description:EOGT, also known as EGF domain-specific O-linked N-acetylglucosamine transferase, is involved in the regulation of Notch receptor. O-GlcNAc (O-linked b-N-acetylglucosamine) is introduced by a single intracellular O-GlcNAc transferase (OGT) and a single extracellular O-GlcNAc transferase (EOGT). O-GlcNAc results from the addition of a single N-acetylglucosamine residue to serine/threonine residues. Recombinant mouse EOGT, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:60.4kDa (516aa), 50-70KDa (SDS-PAGE under reducing conditions.)

Sequences:

DKAHSEADDAPGKALYDYSSLRLPAEHIPFFLHNNRHVASVCREDSHCPYKKHLENLNYCWGYEKSCAPEFRFGS
PVCSYVDLGWTDTLESAQDMFWRQADFGYARERLGEIRTICQPERASDSSLVCSRYLQYCRATGLYLDLRNIKRN
HDRFKEDFLQGGEIGGYCKLDHALVSEGQRKSPLQSWFAELQGYTQLNFRPIEDAKCDIVVEKPTYFMKLDAGIN
MYHHFCDFLNLYLTQHVNSFSTDVYIVMWDTSTYGYGDLFSDTWKAFTDYDVIHLKTYDSKKVCFKEAVFLLPR
MRYGLFYNTPLISGCQNTGLFRAFSQHVLHRLNITQEGPKDGKVRVTILARSTEYRKILNQDELVNALKTVSTFEVRV
VDYKYRELGFLDQLRITHNTDIFIGMHGAGLTHLLFLPDWAAVFELYNCEDERCYLDLARLRLLGIHYITWRKPSKVFPQ
DKGHHTLGEHPKFTNYSFDVEEFMYLVLQAAEHVLQHPQWPFKKKHDELLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.