

## 32-6741: EOGT Mouse

**Alternative Name :** EGF domain-specific O-linked N-acetylglucosamine transferase, Extracellular O-linked N-acetylglucosamine transferase.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

EGF Domain-Specific O-Linked N-Acetylglucosamine Transferase (EOGT) takes part in the regulation of Notch receptor. EOGT catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine/ threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). EOGT mainly glycosylates the Thr residue positioned between the fifth and sixth conserved cysteines of folded EGF-like domains.

EOGT produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 516 amino acids (20-527 a.a.) and having a molecular mass of 60.4kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions).

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** EOGT protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** DKAHSEADDA PGKALYDYSS LRLPAEHIPF FLHNNRHVAS VCREDSHCPY KKHLENLNYC WGYEKSCAPE FRFGSPVCSY VDLGWDTLE SAQDMFWRQA DFGYARERLG EIRTICQPER ASDSSLVCSR YLQYCRATGL YLDRNIKRN HDRFKEDFLQ GGEIGGYCKL DSHALVSEGQ RKSPLQSWFA ELQYTLQNF RPIEDAKCDI VVEKPTYFMK LDAGINMYHH FCDFLNLYLT QHVNNSTFD VYIVMWDTST YGYGDLFSDT WKAFTDYDVI HLKTYDSKKV CFKEAVFSL PRMRYGFLYN TPLISGCQNT GLFRAFSQHV LHRLNITQEG PKDGKVRVTI LARSTEYRKI LNQDELVNAL KTVSTFEVRV VDYKYRELGF LDQLRITHNT DIFIGMHGAG LTHLLFLPDW AAVFELYNCE DERCYDLAR LRGIHYITWR KPSKVFPQDK GHHPTLGEHP KFTNYSFDVE EFMYLVLQAA EHVLPQWP FKKKHDELLE HHHHHH.