

Human EOGT Knockdown Cell Lysate

Cat. No. EOGT-482HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated EOGT Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This gene encodes an enzyme that acts in the lumen of the endoplasmic reticulum to catalyze the transfer of N-acetylglucosamine to serine or threonine residues of extracellular-targeted proteins. This enzyme modifies proteins containing eukaryotic growth factor (EGF)-like domains, including the Notch receptor, thereby regulating developmental signalling. Mutations in this gene have been observed in individuals with Adams-Oliver syndrome 4. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	62 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg EOGT KD HT-1080 cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	EOGT EGF domain specific O-linked N-acetylglucosamine transferase [Homo sapiens (human)]
Official Symbol	EOGT
Synonyms	EOGT; EGF domain specific O-linked N-acetylglucosamine transferase; AOS4; AER61; EOGT1; C3orf64; EGF domain-specific O-linked N-acetylglucosamine transferase; AER61 glycosyltransferase; EGF domain-specific O-linked N-acetylglucosamine (GlcNAc) transferase; EGF-O-GlcNAc transferase; extracellular O-linked N-acetylglucosamine transferase; EC 2.4.1.255
Gene ID	285203
mRNA Refseq	NM_001278689
Protein Refseq	NP_001265618
MIM	614789
UniProt ID	Q5NDL2

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