

Product datasheet for **TP309333**

AER61 (EOGT) (NM_173654) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chromosome 3 open reading frame 64 (C3orf64), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC209333 protein sequence
Red=Cloning site **Green**=Tags(s)

MLMLFVFGVLLHEVSLSGQNEAPPNTHSIPGEPYLYNYSIRLPEEHIPFFLHNNRHIA TVCRKDSLCPYK
KHLEKLKYCWGYEKSCKPEFRFGYPVCSYVDMGWTDLESAEDIFWKQADFGYARERLEEMHVLCQPKET
SDSSLVCSRYLQYCRATNLYLDLRNIKRNHDRFKEDFFQSGEIGGHCKLDIRTLTSEGQRKSPLQSWFAE
LQSYTQLNFRPIEDAKCDIVIEKPTYFMKLDAGVNMYYHHFCDFINLYITQHVNSFSTDVYIVMWDTDGK
IRVTILARSTEYRKILNQNELVNALKTVSTFEVQIVDYKYRELGFQDLRITHNTDIFIGMHGAGLTHLL
FLPDWAAVFELYNCEDERCYLDLARLRGVHYITWRRQNKVFPQDKGHHPTLGEHPKFTNYSFDVEEFMYL
VLQAADHVLQHPKWPFFKKKHDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 52.1 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

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_775925](#)

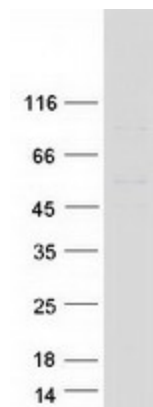


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Locus ID: 285203
UniProt ID: [Q5NDL2](#)
RefSeq Size: 4414
Cytogenetics: 3p14.1
RefSeq ORF: 1329
Synonyms: AER61; AOS4; C3orf64; EOGT1

Summary: 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. [provided by RefSeq, Aug 2015]

Product images:



Coomassie blue staining of purified EOGT protein (Cat# TP309333). The protein was produced from HEK293T cells transfected with EOGT cDNA clone (Cat# [RC209333]) using MegaTran 2.0 (Cat# [TT210002]).