

Datasheet for ABIN5854550  
**AER61 Protein (AA 20-527) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	AER61 (C3orf64)
Protein Characteristics:	AA 20-527
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AER61 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence: DKAHSEADDA PGKALYDYSS LRLPAEHIPF FLHNNRHVAS VCREDSHCPY KKHLENLNYC  
WGYEKSCAPE FRFGSPVCSY VDLGWTDLE SAQDMFWRQA DFGYARERLG EIRTICQPER  
ASDSSLVCSR YLQYCRATGL YDLRNIKRN HDRFKEDFLQ GGEIGGYCKL DSHALVSEGQ  
RKSPLQSWFA ELQGYTQLNF RPIEDAKCDI VVEKPTYFMK LDAGINMYHH FCDFLNLYLT  
QHVNNSFSTD VYIVMWDTST YGYGDLFSDT WKAFTDYDVI HLKTYDSKKV CFKEAVFSL  
PRMRYGIFYN TPLISGCQNT GLFRAFSQHV LHRLNITQEG PKDGKVRVTI LARSTEYRKI  
LNQDELVNAL KTVSTFEVRV VDYKYRELGF LDQLRITHNT DIFIGMHGAG LTHLLFLPDW  
AAVFELYNCE DERCYDLAR LRGIHYITWR KPSKVFPQDK GHHP TLGEHP KFTNYSFDVE  
EFMYLVLQAA EHV LQHPQWP FKKKHDELLE HHHHHH

Purity: > 85 % by SDS - PAGE

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

## Target Details

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Target:	AER61 (C3orf64)
Alternative Name:	Eogt ( <a href="#">C3orf64 Products</a> )
Background:	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.
Molecular Weight:	60.4kDa (516aa) 50-70KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	<a href="#">NP_780522</a>
UniProt:	<a href="#">Q8BYW9</a>

## Application Details

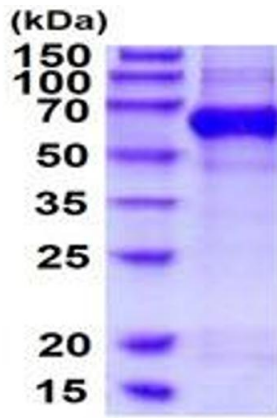
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

**SDS-PAGE**

Image 1.