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## Datasheet for ABIN2724437 KMO Protein (DYKDDDDK Tag)

Image



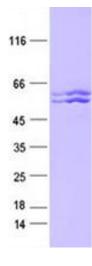
## Overview

Quantity:	20 µg
Target:	КМО
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KMO protein is labelled with DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Kynurenine 3-monooxygenase / KMO (full length, C-term DDK tag) protein expressed in Sf9 cells.</li> </ul>
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	KMO
Alternative Name:	Kynurenine 3-Monooxygenase,kmo (KMO Products)
Background:	Catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-
	30HKyn). Required for synthesis of quinolinic acid, a neurotoxic NMDA receptor antagonist and
	potential endogenous inhibitor of NMDA receptor signaling in axonal targeting, synaptogenesis
	and apoptosis during brain development. Quinolinic acid may also affect NMDA receptor

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Target Details	
	signaling in pancreatic beta cells, osteoblasts, myocardial cells, and the gastrointestinal tract. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	55.6 kDa
NCBI Accession:	NP_003670
Application Details	
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 µg/mL
Buffer:	50 mM Tris-HCl, pH 8.0, 100 mM glycine, 10 % glycerol. Store at -80C. Avoid repeated freeze- thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



## Western Blotting

Image 1. Validation with Western Blot

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