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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

OAT (Human) Recombinant Protein (P01)

Catalog Number: H00004942-P01

Regulation Status: For research use only (RUO)

Product Description: Human OAT full-length ORF (NP_000265.1, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFSKLAHLQRFAVLSRGVHSSVASATSVATKKTVQGP
PTSDDIFEREYKYGAHNYHPLPVALERGKGIYLDVVE
GRKYFDLSSYSAVNQGHCHPKIVNALKSQVDKLTLS
RAFYNVVLGEYEEYITKLFNYHKVLPMTGVEAGETA
CKLARKWGYTVKGIQKYKAKIVFAAGNFWGRTLISAIS
STDPTSVDGFGPFMPGFDIIPYNDLPALERALQDPNVA
AFMVEPIQGEAGVVVDPGYLEMGVRELCTRHQVLFIA
DEIQTGLARTGRWLAVDYENVRPDIVLLGKALSGGLYP
VSAVLCDDDDIMLTIKPGEHGSTYGGNPLGCRVAIAALE
VLEENLAENADKLGILRNELMKLPSDVVTAVRGKGLL
NAIVIKETKDWDWKVCLRLRDNGLLAKPTHGDIIRFA
PPLVIKEDELRESIEIINKTILSF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.9

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4942

Gene Symbol: OAT

Gene Alias: DKFZp781A11155, HOGA

Gene Summary: This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. [provided by RefSeq]