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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

AMT (Human) Recombinant Protein (P01)

Catalog Number: H00000275-P01

Regulation Status: For research use only (RUO)

Product Description: Human AMT full-length ORF (AAH07546, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MESLVVGDIAELRPNQGTLSLFTNEAGGILDDLIVTNTS
EGHLYVVSNAGCWEKDLALMQDKVRELQNQGRDVGL
EVLDNALLALQGPTAAQVLQAGVADDLRKLPFMTSAV
MEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATA
ILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEHTTPVE
GSLSWTLGKRRRAAMDFPGAKVIVPQLKGRVQRRRV
GLMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPSLKK
NVAMGYVPCEYSRPGTMLLVELPSGPCF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 57.53

Interspecies Antigen Sequence: Mouse (89); Rat (91)

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: 275

Gene Symbol: AMT

Gene Alias: GCE, GCST, NKH

Gene Summary: The enzyme system for cleavage of glycine (glycine cleavage system; EC 2.1.2.10), which is confined to the mitochondria, is composed of 4 protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase; MIM 238300), H protein (a lipoic acid-containing protein; MIM 238330), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase; MIM 238331). Glycine encephalopathy (GCE; MIM 605899) may be due to a defect in any one of these enzymes.[supplied by OMIM]