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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MAT1A (Human) Recombinant Protein (Q01)

Catalog Number: H00004143-Q01

Regulation Status: For research use only (RUO)

Product Description: Human MAT1A partial ORF (NP_000420, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MNGPVDGLCDHSLSEGVFMFTSESVGEGHPDKICDQI
SDAVLDAHLKQDPNAKVACETVCKTGMVLLCGEITSM
AMVDYQRVVRDTIKHIGY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 35.86

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: 4143

Gene Symbol: MAT1A

Gene Alias: MAT, MATA1, SAMS, SAMS1

Gene Summary: This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and tripolyphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency. [provided by RefSeq]