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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SAT (Human) Recombinant Protein (Q01)

Catalog Number: H00006303-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SAT partial ORF (NP_002961, 88 a.a. - 171 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

LLYLEDFFVMSDYRGFGIGSEILKNLSQVAMRCRCSS
MHFLVAEWNEPSINFYKRRGASDLSSEEGWRLFKIDK
EYLLKMATEE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 34.98

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: 6303

Gene Symbol: SAT1

Gene Alias: DC21, KFSD, SAT, SSAT, SSAT-1

Gene Summary: The protein encoded by this gene belongs to the acetyltransferase family, and is a rate-limiting enzyme in the catabolic pathway of polyamine metabolism. It catalyzes the acetylation of spermidine and spermine, and is involved in the

regulation of the intracellular concentration of polyamines and their transport out of cells. Defects in this gene are associated with keratosis follicularis spinulosa decalvans (KFSD). [Alternatively spliced transcripts have been found for this gene]

References:

1. Adenovirus-mediated expression of SSAT inhibits colorectal cancer cell growth in vitro 1. Sun H, Liu B, Yang YP, Xu CX, Yan YF, Wang W, Liu XX. Acta Pharmacol Sin. 2008 May;29(5):606-13.