

Product datasheet

Recombinant Human SAT1 protein ab87666

1 Image

Description

Product name	Recombinant Human SAT1 protein
Purity	> 95 % SDS-PAGE. Purified by using conventional chromatography.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MAKFVIRPAT AADCSILRL IKELAKYEM EEQVILTEKD LLEDGFGEHP FYHCLVAEVP KEHWTPEGHS I/GFAMYYFT YDPWIGKLLY LEDFFVMSDY RGFGIGSEIL KNLSQVAMRC RCSSMHFLVA EWNPSINFY KRRGASDLSS EEGWRLFKID KEYLLKMATE E

Specifications

Our **Abpromise guarantee** covers the use of **ab87666** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Function	Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine =
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spermidine >> spermine > N(1)-acetylspermine > putrescine. This highly regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines. Also involved in the regulation of polyamine transport out of cells. Acts on 1,3-diaminopropane, 1,5-diaminopentane, putrescine, spermidine (forming N(1)- and N(8)-acetylspermidine), spermine, N(1)-acetylspermidine and N(8)-acetylspermidine.

Pathway

Amine and polyamine degradation; putrescine degradation; N-acetylputrescine from putrescine: step 1/1.

Involvement in disease

Keratosis follicularis spinulosa decalvans X-linked

Sequence similarities

Belongs to the acetyltransferase family.
Contains 1 N-acetyltransferase domain.

Cellular localization

Cytoplasm.

Images



ab87666 on 15% SDS-PAGE (3µg)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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