

Datasheet for ABIN7590820

RETSAT Protein (AA 22-609) (His tag)



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Overview

Quantity:	100 µg
Target:	RETSAT
Protein Characteristics:	AA 22-609
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RETSAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GLFTGSSPN PFAEDVKRPP EPLVTDKEAR KKV LKQAFSV SRVPEKLDAV VIGSGIGGLA SAAVLAKAGK RVLVLEQHTK AGGCCHTFGE NGLEFDTGIH YIGRMREGNI GRFILDQITE GQLDWAPMAS PFDLMILEGP NGRKEFPMYS GRKEYIQGLK EKFPKEEAVI DKYMELVKVV AHGVSHAILL KFLPLPLTQL LNKFGLLTRF SPFCRASTQS LAEVLKQLGA SPELQAVLSY ILPTYGVTPS HTTFS LHALL VDHYIQGAYY PRRGSSEIAF HTIPLIQRAG GAVLTRATVQ SVLLDSAGRA CGVSVKKGQE LVNIYCPVVI SNAGMFNTYQ HLLPESVRYL PDVKKQLTMV KPGLSMLSIF ICLKGTKEEL KLQSTNYYVY FDTDMDKAME CYVSMPKEKA PEHIPLLFIP FPSSKDPTWE DRFPDRSTMT VLVPTAFEFW EEWQEEPKGK RGVDYETLKN TFREASMSVI MKLFPQLEGK VESVTGG SPL TNQYYLAAHR GATYGADHDL ARLHPHAMAS LRAQTPIPNL YLTGQDIFTC GLMGALQ GAL LCSSAILKRN LYS DLQALGS K VRAQKKKK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: RETSAT

Alternative Name: All-trans-retinol 13,14-reductase (Retsat) ([RETSAT Products](#))

Background: Recommended name: All-trans-retinol 13,14-reductase.
EC= 1.3.99.23.
Alternative name(s): All-trans-13,14-dihydroretinol saturase.
Short name= RetSat PPAR-alpha-regulated and starvation-induced gene protein RMT-7

UniProt: [Q8VHE9](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.