

Recombinant Human RETSAT, His-tagged

Cat. No. RETSAT-2256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RETSAT protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	166-455aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	RETSAT retinol saturase (all-trans-retinol 13,14-reductase) [Homo sapiens]
Official Symbol	RETSAT
Synonyms	RETSAT; retinol saturase (all-trans-retinol 13,14-reductase); all-trans-retinol 13,14-reductase; FLJ20296; all-trans-13,14-dihydroretinol saturase; PPAR-alpha-regulated and starvation-induced gene protein;

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Gene ID	54884
mRNA Refseq	NM_017750
Protein Refseq	NP_060220
UniProt ID	Q6NUM9
Chromosome Location	2p11.2
Pathway	Retinol metabolism, organism-specific biosystem; Retinol metabolism, conserved biosystem; Vitamin A and carotenoid metabolism, organism-specific biosystem;
Function	all-trans-retinol 13,14-reductase activity; all-trans-retinol 13,14-reductase activity; oxidoreductase activity;

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