

Recombinant Human RETSAT, His-tagged

RETSAT-2256H Human

Lot. No. (See product label)

Specification

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|-------------------------|---|
| Product Overview | Recombinant Human RETSAT protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| Source | E.coli |
| Species | Human |
| Tag | His |
| Protein length | 166-455aa |
| Storage | The protein is stored in PBS buffer at -20. 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

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|----------------------------|---|
| 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; |
| 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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