

PRODUCT INFORMATION

Target	Retinol Saturase
Synonyms	N/A
Description	Recombinant protein of human retinol saturase (all-trans-retinol 13,14-reductase) (RETSAT)
Delivery	2-3 weeks
Uniprot ID	Q6NUM9
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	66.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	Catalyzes the saturation of all-trans-retinol to all-trans-13,14-dihydroretinol. Does not exhibit any activity toward all-trans-retinoic acid, nor 9-cis, 11-cis or 13-cis-retinol isomers. May play a role in the metabolism of vitamin A. Independently of retinol conversion, may regulate liver metabolism upstream of MLXIPL/ChREBP. May play a role in adipocyte differentiation.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

