

Recombinant Human FASN Protein (Q1109-G1524), His tagged

Cat. No. FASN-0482H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-TEV-(G)-FASN(Q1109-G1524) (S1438A, P1524G) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	Q1109-G1524
Description	Fatty acid synthetase is a multifunctional enzyme that catalyzes the de novo biosynthesis of long-chain saturated fatty acids starting from acetyl-CoA and malonyl-CoA in the presence of NADPH. This multifunctional protein contains 7 catalytic activities and a site for the binding of the prosthetic group 4'-phosphopantetheine of the acyl carrier protein ([ACP]) domain.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [FASN fatty acid synthase \[Homo sapiens \(human\) \]](#)

Official Symbol [FASN](#)

Synonyms FASN; fatty acid synthase; FAS; SDR27X1; short chain dehydrogenase/reductase family 27X; member 1; short chain dehydrogenase/reductase family 27X, member 1; OA-519; MGC14367; MGC15706;

Gene ID [2194](#)

mRNA Refseq [NM_004104](#)

Protein Refseq [NP_004095](#)

MIM [600212](#)

UniProt ID [P49327](#)

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