

## Recombinant Human FASN Protein (Q1109-G1524), Tag Free

Cat. No. FASN-0481H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human (G)-FASN(Q1109-G1524) (S1438A, P1524G) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Q1109-G1524
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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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