Recombinant Zebrafish fasn Protein, His-tagged

Cat. No. fasn-2181Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish fasn Protein (Gly2130-Gly2511) with a N-His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Gly2130-Gly2511
Description	Predicted to enable fatty acid synthase activity. Acts upstream of or within response to (R)-carnitine. Predicted to be active in cytoplasm. Is expressed in liver and male organism. Orthologous to human FASN (fatty acid synthase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.7 kDa Accurate Molecular Mass: 44 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	fasn fatty acid synthase [Danio rerio (zebrafish)]
Official Symbol	fasn
Synonyms	fasn; fatty acid synthase; fj34h12; wu:fj34h12; fatty acid synthase FAS
Gene ID	559001
mRNA Refseq	XM_009306806
Protein Refseq	XP_009305081
UniProt ID	E7F5V3

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