

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 1g (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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA