

General Information

Gene Name Synonym

EC 2.3.1.85 [Includes: [Acyl-carrier-protein] S-acetyltransferase; EC 2.3.1.38; [Acyl-carrier-protein] S-malonyltransferase; EC 2.3.1.39; 3-oxoacyl-[acyl-carrier-protein] synthase; EC 2.3.1.41; 3-oxoacyl-[acyl-carrier-protein] reductase; EC 1.1.1.100; 3-hydroxyacyl-[acyl-carrier-protein] dehydratase; EC 4.2.1.59; Enoyl-[acyl-carrier-protein] reductase; EC 1.3.1.39; Oleoyl-[acyl-carrier-protein] hydrolase; EC 3.1.2.14]

Protein Construction

A DNA sequence encoding the human FASN (XP_054171452.1) 2211-2511 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Endotoxin

Please contact the lab for more information.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Formulation

Protein lyophilized in sterile PBS (58 mM Na₂HPO₄, 17 mM NaH₂PO₄, 68 mM NaCl, 100 mM GSH, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.

Usage Guide

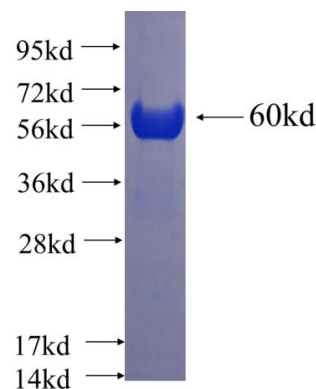
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



Recombinant human FASN SDS-PAGE