

Product datasheet

Recombinant Human Fatty Acid Synthase protein
ab131929

1 Image

Description	
Product name	Recombinant Human Fatty Acid Synthase protein
Expression system	Wheat germ
Accession	<u>P49327</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSTNDTIVSGTLPQRMASCLEVLDLFLNQPHMVLSSFVLA EKAAAYRDRD SQRDLVEAVAHILGIRDLAAVNLDSSLADLGLDSLMSVEV RQTLERELNL VLSVREVRQLTLRKLQELSSKADEASELACPTPKEDGLA QQQTQLNLRSL LVNPEGPTLMRLNSVQSSERPLFLVHPIEGSTTVFHSLAS GLSIPTYGLQ CTRAAPLDSIHSLAAYIDCIRQVQPEGPYRVAGYSYGACV AFEMCSQLQ AQQSPAPTHNSLFLFDGSPTYVLAYTQSYRAKLTPGCEAE AETEAICFFV QQFTDMEHNRVLEALLPLKGLEERVAAAVDLIIKSHQGLD RQELSFAARS FYYKLRAAEQYTPKAKYHGNVMLLRAKTGGAYGEDLGADY NLSQVCDGKV SVHVIEGDHRTLLEGSGLESIIISIIHSSLAEPRVSVREG
Predicted molecular weight	74 kDa including tags
Amino acids	1 to 439
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab131929** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	SDS-PAGE
	Western blot
Form	Liquid

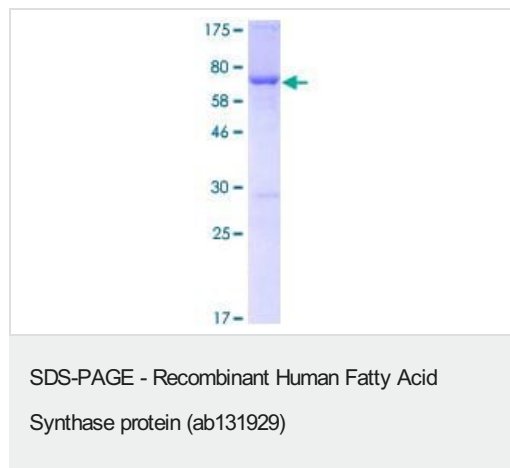
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities and an acyl carrier protein.
Tissue specificity	Ubiquitous. Prominent expression in brain, lung, and liver.
Sequence similarities	Contains 1 acyl carrier domain.
Cellular localization	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



12.5% SDS-PAGE analysis of ab131929 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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