abcam

Product datasheet

Recombinant Human FVT1 protein ab104822

1 Image

Description

Product name	Recombinant Human FVT1 protein
Purity	> 90 % SDS-PAGE. ab104822 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q06136
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMKPLALPGAHVVVTGGSS GIGKCIAIECYK QGAFITLVARNEDKLLQAKKEIEMHSINDKQVVLCISVDVS QDYNQVENV IKQAQEKLGPVDMLVNCAGMAVSGKFEDLEVSTFERLMS INYLGSVYPSR AVITTMKERRVGRIVFVSSQAGQLGLFGFTAYSASKFAIRG LAEALQMEV KPYNVYITVAYPPDTDTPGFAEENRTKPLETRLISETTSVCK PEQVAKQI VKDAIQGNFNSSLGSD
Predicted molecular weight	29 kDa including tags
Amino acids	26 to 270
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab104822** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00
Constituents: 0.00174% PMSF, 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Catalyzes the reduction of 3-ketodihydrosphingosine (KDS) to dihydrosphingosine (DHS).

Tissue specificity

Expressed in all tissues examined. Highest expression in placenta. High expression in lung, kidney, stomach and small intestine, low expression in heart, spleen and skeletal muscle. Weakly expressed in normal hematopoietic tissues. Higher expression in some T-cell malignancies and PHA-stimulated lymphocytes.

Pathway

Lipid metabolism; sphingolipid metabolism.

Involvement in disease

A chromosomal aberration involving KDSR is a cause of follicular lymphoma; also known as type II chronic lymphatic leukemia. Translocation t(2;18)(p11;q21) with a Ig J kappa chain region (PubMed:8417785).

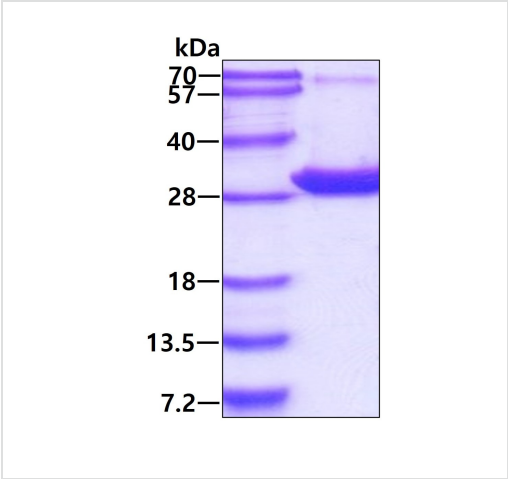
Sequence similarities

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

Cellular localization

Endoplasmic reticulum membrane.

Images



SDS-PAGE - Recombinant Human FVT1 protein (ab104822)

SDS-PAGE analysis of ab104822 (3µg).

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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