

Product datasheet

Recombinant Human FVT1 protein ab125172

概述

产品名称	重组人FVT1蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q06136](#)

种属 Human

序列
 MGSSHHHHHH SSGLVPRGSH MKPLALPGAH
 VVVTGGSSGI GKCIAIECYK QGAFITLVAR
 NEDKLLQAKK EIMHSINDK QVVLCSVDV
 SQDYNQVENV IKQAQEKLG PVDMLVNCAGM
 AVSGKFEDLE VSTFERLMSI NYLGSVYPSR
 AVITTMKERR VGRIVFVSSQ AGQLGLFGFT
 AYSASKFAIR GLAEALQMEV KPYNVYITVA
 YPPDTPDTPGF AEENRTKPLE TRLISETTSV
 CKPEQVAKQI VKDAIQGNFN SSLGSD

分子量 29 kDa including tags

氨基酸 26 to 270

标签 His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab125172** in the following tested applications.

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

应用	SDS-PAGE
纯度	> 90 % SDS-PAGE. ab125172 is purified by proprietary chromatographic techniques.
形式	Liquid
补充说明	ab125172 should be stored desiccated below -18°C. For long term storage it is recommended

to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -20°C. Store under desiccating conditions.

pH: 8.00

Constituents: 0.002% PMSF, 0.02% DTT, 0.32% Tris HCl, 10% Glycerol, 0.58% Sodium chloride

常规信息

功能

Catalyzes the reduction of 3-ketodihydrospingosine (KDS) to dihydrospingosine (DHS).

组织特异性

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.

通路

Lipid metabolism; sphingolipid metabolism.

疾病相关

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).

序列相似性

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

细胞定位

Endoplasmic reticulum membrane.

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