

Recombinant Human FGE protein (denatured) ab115708

画像数 1

製品の詳細

製品名	Recombinant Human FGE protein (denatured)
精製度	> 85 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<u>Q8NBK3</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMVPIAGVFTMGTDDEPQIKQDG EAPARRVT IDAFYMDAYEVSNTFEKFDVNSTGYLAEKFGDSFVFEGML SEQVKTNL QQAVAAAPWWLPVKGANWRHPEGPDSTILHRPDHPVLHVSWN DAVAYCTW AGKRLPTEAEWEYSCRGGGLHNRLFPWGNKLQPKGQHYANIWQ GEFPTNT GEDGFQGTAPVDAFPNGYGLYNIVGNAEWTSWWTVHHSV EETLNPKG PPSGKDRVKKGGSYMCHRSYCYRYRCAARSQNTPDSSASNLG FRCAADRL PTMD
予測される分子量	34 kDa including tags
領域	91 to 374
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab115708** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	This product was previously labelled as SUMF1

前処理および保存

保存方法および安定性

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

pH: 8.00

Constituents: 12.01% Urea, 0.03% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

関連情報

機能

Using molecular oxygen and an unidentified reducing agent, oxidizes a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also called C(alpha)-formylglycine. Known substrates include GALNS, ARSA, STS and ARSE.

組織特異性

Ubiquitous. Highly expressed in kidney, pancreas and liver. Detected at lower levels in leukocytes, lung, placenta, small intestine, skeletal muscle and heart.

パスウェイ

Protein modification; sulfatase oxidation.

関連疾患

Defects in SUMF1 are the cause of multiple sulfatase deficiency (MSD) [MIM:272200]. MSD is a clinically and biochemically heterogeneous disorder caused by the simultaneous impairment of all sulfatases, due to defective post-translational modification and activation. It combines features of individual sulfatase deficiencies such as metachromatic leukodystrophy, mucopolysaccharidosis, chondrodysplasia punctata, hydrocephalus, ichthyosis, neurologic deterioration and developmental delay. Inheritance is autosomal recessive.

配列類似性

Belongs to the sulfatase-modifying factor family.

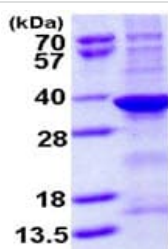
翻訳後修飾

N-glycosylated. Contains high-mannose-type oligosaccharides.

細胞内局在

Endoplasmic reticulum lumen.

画像



15% SDS-PAGE showing ab115708 at approximately 34.1kDa (3μg).

SDS-PAGE - Recombinant Human FGE protein
(denatured) (ab115708)

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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- We investigate all quality concerns to ensure our products perform to the highest standards

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