

Product datasheet

Recombinant Human Cyt 19 protein ab126694

1 Image

Description

Product name	Recombinant Human Cyt 19 protein
Purity	> 90 % SDS-PAGE. ab126694 is purified by conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9HBK9</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMAALRD AEIQKDVQTY YGQVLKRSAD LQTNGCVTTA RPVPKHIREA LQNVHEEVAL RYYGCGLVIP EHLENCWILD LGSGSGRDCY VLSQLVGEKG HVTGIDMTKG QVEVAEKYLD YHMEKYGFQA SNVTFIHGYI EKLGEAGIKN ESHDIVSNC VINLVPDKQQ VLQEAYRVLK HGGELYFSDV YTSLELP EEI RTHKVLWGEC LGGALYWKEL AVLAQKIGFC PPRLVTANLI TIQNKELERV IGDCRFVSAT FRLFKHSKTG PTKRCQVIYN GGITGHEKEL MFDANFTFKE GEMEVD EET AAILKNSRFA QDFLIRPIGE KLPTSGGCSA LELKDIITDP FKLA EESDSM KSRCVPDAAG GCCGTTKSC
Predicted molecular weight	44 kDa including tags
Amino acids	1 to 375
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab126694** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

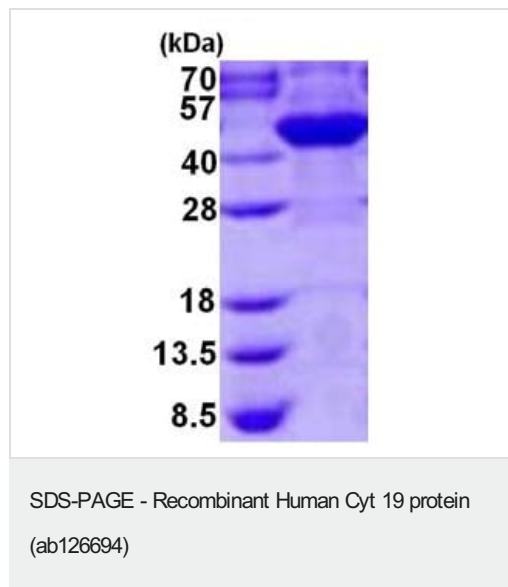
General Info

Function Catalyzes the transfer of a methyl group from AdoMet to trivalent arsenicals producing methylated and dimethylated arsenicals. It methylates arsenite to form methylarsonate, Me-AsO(3)H(2), which is reduced by methylarsonate reductase to methylarsonite, Me-As(OH)2. Methylarsonite is also a substrate and it is converted into the much less toxic compound dimethylarsinate (cacodylate), Me(2)As(O)-OH.

Sequence similarities Belongs to the methyltransferase superfamily.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of 3 µg of ab126694 (Cyt 19 protein).

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

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