

Recombinant Human GSTA4 protein ab124583

1 Image

Description

Product name	Recombinant Human GSTA4 protein
Purity	> 95 % SDS-PAGE. ab123583 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O15217</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMAARPK LHYPNGRGRM ESVRWVLAAG GVEFDDEEFLE TKEQLYKLQD GNHLLFQQVP MVEIDGMKLV QTRSILHYIA DKHNLFGKNL KERTLIDMYV EGTLDLLELL IMHPFLKPDD QQKEVVNMAQ KAIRYFPVF EKILRGHGQS FLVGNQLSLA DVILLQTLA LEEKIPNLS AFPFLQEYTV KLSNIPTIKR FLEPGSKKKP PPDEIVRTV YNIFRP
Predicted molecular weight	28 kDa including tags
Amino acids	1 to 222
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab124583** 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: 0.03% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This isozyme has a high catalytic efficiency with 4-hydroxyalkenals such as 4-hydroxynonenal (4-HNE).

Tissue specificity

Expressed at a high level in brain, placenta, and skeletal muscle and much lower in lung and liver.

Sequence similarities

Belongs to the GST superfamily. Alpha family.

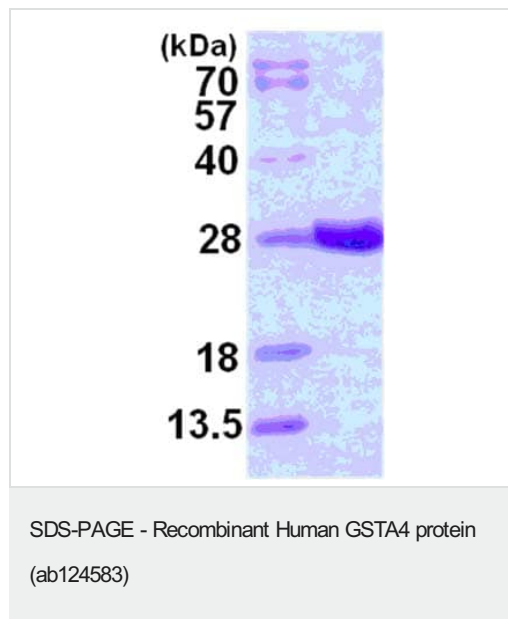
Contains 1 GST C-terminal domain.

Contains 1 GST N-terminal domain.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE showing ab124583 at approximately 28.3kDa (3µg).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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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