

Recombinant Human GSTT1 protein ab86849

1 Image

Description

Product name	Recombinant Human GSTT1 protein
Purity	> 95 % SDS-PAGE. ab86849 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGL ELYDLLSQP CRAVYIFAKK NDIPFELRIV DLIKGQHLSD ACAQVNPLKK VPALKDGDFT LTESVAILLY LTRKYKVPDY WYPQDLQARA RVDEYLAWQH TTLRRSCLRA LWHKVMFPVF LGEPVSPQTL AATLAELDVT LQLLEDKFLQ NKAFLTGPHI SLADLVAITE LMHPVGAGCQ VFEGRPKLAT WRQRVEAAVG EDLFQEAHEV ILKAKDFPPA DPTIKQKLMP WVLAMIR

Specifications

Our Abpromise guarantee covers the use of ab86849 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
Form	Liquid
Additional notes	This product was previously labelled as Glutathione S Transferase theta 1

Preparation and Storage

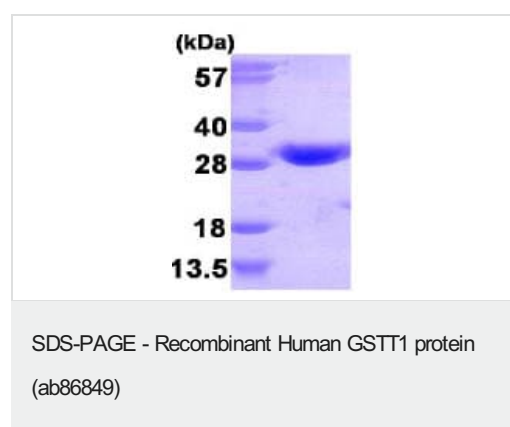
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00
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Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Acts on 1,2-epoxy-3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. Displays glutathione peroxidase activity with cumene hydroperoxide.
Tissue specificity	Found in erythrocyte. Expressed at low levels in liver. In lung, expressed at low levels in Clara cells and ciliated cells at the alveolar/bronchiolar junction. Absent from epithelial cells of larger bronchioles.
Sequence similarities	Belongs to the GST superfamily. Theta family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE showing ab86849 at approximately 31.5kDa (3µg).

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
- We provide support in Chinese, English, French, German, Japanese and Spanish
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