

Product datasheet

Recombinant mouse Glutathione S Transferase mu protein ab168035

1 Image

Description

| | |
|-----------------------------------|---|
| Product name | Recombinant mouse Glutathione S Transferase mu protein |
| Biological activity | Specific activity is < 11 units/mg, and is defined as the amount of enzyme that conjugates 1.0 µmole of 1-chloro-2, 4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C. |
| Purity | > 95 % SDS-PAGE. |
| Expression system | Escherichia coli |
| Accession | P10649 |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Mouse |
| Sequence | <pre> MGSSHHHHHH SSGLVPRGSH MPMILGYWNV RGLTHPIRML LEYTDSSYDE KRYTMGDAPD FDRSQWLNEK FKLGLDFPNL PYLIDGSHKI TQSNAILRYL ARKHHL DGET EEERIRADIV ENQVMDTRMQ LIMLCYNPDF EKQKPEFLKT IPEKMKLYSE FLGKRPWFAG DKVTYVDFLA YDILDQYRMF EPKCLDAFPN LRDFLARFEG LKKISAYMKS SRYIATPIFS KMAHWSNK </pre> |
| Predicted molecular weight | 28 kDa including tags |
| Amino acids | 1 to 218 |
| Tags | His tag N-Terminus |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab168035** 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 |
| | Functional Studies |

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: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

Tissue specificity

Liver (at protein level).

Sequence similarities

Belongs to the GST superfamily. Mu family.

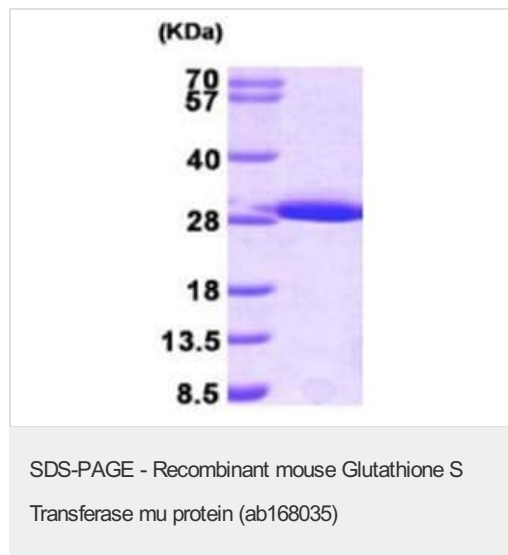
Contains 1 GST C-terminal domain.

Contains 1 GST N-terminal domain.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE analysis of ab168035 (3µg).

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

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