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Recombinant Glutathione S Transferase Alpha 2 (GSTa2)

Catalog Number: SIPB488Hu01 **Spec: 50ug**

Product Name	Recombinant Glutathione S Transferase Alpha 2 (GSTa2)
Catalog Number	SIPB488Hu01
Organism Species	Human
Source	Prokaryotic expression.
Host	E. coli
Residues	Met1~Phe222
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Lung.
Subcellular Location	Cytoplasm.
Purity	>95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration	200ug/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.5
Predicted Molecular Mass	26.9kDa
Accurate Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate

was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MAEKPKLHYS NIRGRMESIR WLLAAAGVEF EEKFIKSAED LDKLRNDGYL
MFQQVPMVEI DGMKLVQTRA ILNYIASKYN LYGKDIKEKA LIDMYIEGIA
DLGEMILLLP FSQPEEQDAK LALIQEKTKN RYFPAFEKVL KSHGQDYLVG
NKLSRADIHL VELLYYVEEL DSSLISSFPL LKALKTRISN LPTVKKFLQP
GSPRKPPMDE KSLEESRKIF RF

[IDENTIFICATION]

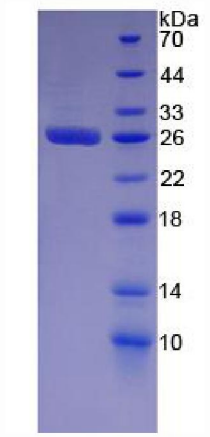


Figure 1. SDS-PAGE