

Datasheet for ABIN667165

**GSTM4 Protein (AA 1-218) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	GSTM4
Protein Characteristics:	AA 1-218
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSTM4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	GSTM4, 1-218aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	GSTM4
Alternative Name:	GSTM4 ( <a href="#">GSTM4 Products</a> )
Background:	Glutathione S-transferase Mu 4 isoform 1, also known as GSTM4, is member of the glutathione s-transferase (GST) family of proteins. There are eight families of GST proteins, namely alpha, kappa, mu, omega, pi, sigma, theta and zeta, each of which is composed of proteins that have a variety of functions throughout the cell. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs,

Target Details

environmental toxins and products of oxidative stress, by conjugation with glutathione.

Recombinant human GSTM4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: GSTM4-4, GTM4, GST class-mu 4, GST-Mu2, Glutathione S-transferase Mu 4 isoform 1. NCBI no.: NP\_000841

Molecular Weight: 27.7kDa (238aa) confirmed by MALDI-TOF

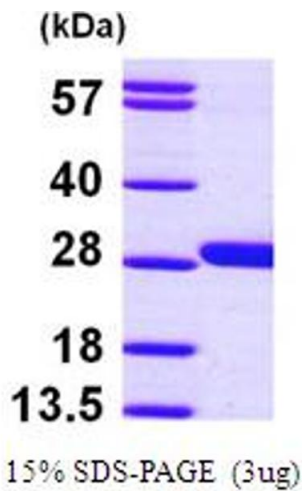
Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.