

Recombinant Human GSTK1 protein

Cat. No. GSTK1-3411H Lot. No. (See product label)

SPECIFICATION

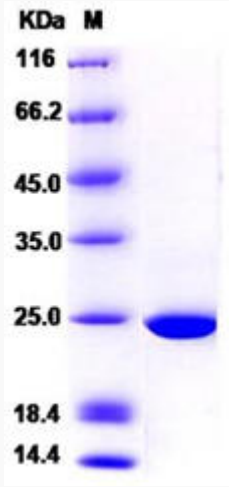
Product Overview	Recombinant Human GSTK1 protein(Q9Y2Q3-1) (Gly2-Leu226) was expressed in E.coli with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	2-226 aa
Form	Lyophilized from sterile 50mM Tris,10% glycerol, pH 8.0.
Molecular Mass	The recombinant human GSTK1 consists of 226 amino acids and predicts a molecular mass of 25.5 KDa. It migrates as an approximately 25 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	GSTK1 glutathione S-transferase kappa 1 [Homo sapiens]
Official Symbol	GSTK1
Synonyms	GSTK1; glutathione S-transferase kappa 1; GST13; GST class-kappa; glutathione S-transferase k1; glutathione S-transferase subunit 13 homolog; GST; hGSTK1; GSTK1-1; GST13-13; GST 13-13;
Gene ID	373156
mRNA Refseq	NM_001143679
Protein Refseq	NP_001137151
MIM	602321
UniProt ID	Q9Y2Q3
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a protein sample on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein sample shows a single prominent band at approximately 25 kDa, which corresponds to the expected molecular weight of GSTK1.