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Product Datasheet

Recombinant Human GSTA1 Protein ABB-RP01456

Article Name	Recombinant Human GSTA1 Protein
Biozol Catalog Number	ABB-RP01456
Supplier Catalog Number	RP01456
Alternative Catalog Number	ABB-RP01456-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Phe222
Product Description	GSTA1 (Glutathione S-Transferase Alpha 1) is a Protein Coding gene. This gene encodes a member of a family of enzymes that function to add glutathione to target electrophilic compounds. Glutathione S-transferases (GSTs) are involved in the detoxifica...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	27.1 kDa
Tag	C-His
NCBI	2938
UniProt	P08263
Source	HEK293 cells

Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4, 5% trehalose, mannitol and 0.01% Tween80.
Sequence	MAEKPKLHYFNARGRMESTRWLLAAAGVEFEEKFIKSAEDLDKLRNDGYLMF QQVPMVEIDGMKLVQTRAILNYIASKYNLYGKDIKERALIDMYIEGIADLGEMIL LLPVCPPPEEKDAKLALIKEKIKNRYFPAPFEKVLKSHGQDYLVGNKLSRADIHLVE LLYYVEELDSSLISSFPLLKALKTRISNLPTVKKFLQPGSPRKPPMDEKSLEEARK IFRF
Target	GSTA1
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4, 5% trehalose, mannitol and 0.01% Tween80.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein