

Product Specification Sheet

Recombinant Human GST P1-1
Product Number: GS70
Aliquot: 100 µg
Lot Number: gs70.190513
Storage: -70°C

SPECIFIC ACTIVITY:	24.761 µmol/min/mg (U/mg) using spectrophotometric determination of 1-chloro-2,4-dinitrobenzene (CDNB) conjugation with reduced glutathione (1.0 mM) in 100 mM Sodium Phosphate (pH 6.5) at room temperature.
CONCENTRATION:	0.923 mg/mL total protein using the Bicinchoninic Acid protein assay (Reducing-agent Compatible) with BSA as a standard.
STORAGE BUFFER:	50 mM Tris (pH 7.5), 50 mM NaCl, 1 mM DTT, 1 mM EDTA and 50% glycerol.
STORAGE:	-70°C; AVOID MULTIPLE FREEZE-THAW CYCLES.
PURITY:	≥ 95% as assessed by inspection on a Coomassie® Blue-stained SDS-PAGE gel.
MOLECULAR WEIGHT:	23 kDa
SOURCE:	His-tagged recombinant human protein expressed in <i>E. coli</i> .
REFERENCES:	Kolm R.H., et al., <i>Protein Expression Purif.</i> , 6 :265-271 (1995)