

Specification sheet

Protein	HSV GST-gG2
REF	17-04
Description	<i>E.coli</i> derived recombinant protein, contains immunodominant Herpes Simplex Virus gG2 region (525-578 aa), GST and 6xHis fusion tags
Source	<i>E.coli</i>
Molecular weight	36 kDa
Format	Purified, liquid
Purification	Metal affinity chromatography, Glutathione-sepharose chromatography, dialysis
Purity	>95%, 10% SDS-PAGE, Coomassie staining
Concentration	Lot specific, >1 mg/mL (Pierce BCA Protein Assay)
Buffer	PBS (20 mM Na ₂ HPO ₄ , 150 mM NaCl), pH 7.2
Preservative	0.02% NaN ₃
Storage	+4°C short term; -18...-22°C or below for 3 years; avoid multiple freeze/thaw cycles
Applications	Western blot, ELISA, reacts with Herpes Simplex Virus type 2 positive serum with no cross reactivity with Herpes Simplex Virus type 1 positive serum