

## Recombinant Human S100A13

Cat No:HR2R1934

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	S100A13
Gene ID	6284
Accession	Q99584
Alternative Name	S100 calcium-binding protein A13, S100-A13
Species	Human
Source	E. coli
Description	S100A13 is a widely expressed member of the S100 (soluble in 100% saturated ammonium sulfate) family of proteins. S100A13 shares 83% and 90% amino acid identity with mouse and rat S100A13, respectively and plays a role in the export of proteins that lack a signal peptide. Like other S100 proteins, S100A13 is small and generally acidic with two EF-hand motifs that bind calcium ions with differing affinities. Composed of four amphiphilic helices, S100A13 is a homodimer that binds two calcium and one copper ion per subunit.
Functions	N.A.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS
Solubility	Reconstitute at 0.1 mg/mL in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	11.5
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.