

Human S100A1 Recombinant Protein



RPPB4544

Product Information Protein Information

Product SKU:

RPPB4544

Accession:

P23297

Host:

Escherichia Coli.

Protein description:

S100A1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 103 amino acids which include a 10 amino acid His Tag fused at N-terminus and having a total molecular mass of 11.66 kDa. S100A1 Human Recombinant is purified by proprietary chromatographic techniques.

Appearance:

White lyophilized (freeze-dried) powder.

Synonyms:

Protein S100-A1, S100 calcium-binding protein A1, S-100 protein alpha subunit, S-100 protein alpha chain, S100A1, S100A, S100, S100-alpha, S100-A1.

Formulation:

The S100A1 protein was lyophilized from 0.4µm filtered solution at a concentration of 0.5mg/ml containing 20mM Tris pH-7.5 and 50mM NaCl.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

Add deionized water to a working concentration approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by appropriate sterile filter before using it in the cell culture.

Stability:

Lyophilized S100A1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution S100A1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MKHHHHHHAS GSELETAMET LINVFHAHSG KEGDKYKLSK KELKELLQTE LSGFLDAQKD VDAVDKVMKE LDENGDGEVD FQEYVVLVAA LTVACNFFW ENS.