

## 32-4741: Recombinant Human S100 Calcium Binding Protein A4 His Tag

**Alternative Name :** Protein S100-A4,S100 calcium-binding protein A4,Metastasin,Protein Mts1,Placental calcium-binding protein,Calvasculin,S100A4,CAPL,MTS1,42A,18A2,FSP1,P9KA,PEL98.

### Description

Source : Escherichia Coli. S100A4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (1-101) and having a molecular mass of 13.8 kDa. The S100A4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. S100A4 is part of the S100 super-family of proteins containing 2 EF-hand calcium binding domains. S100A4 is ubiquitously overexpressed and is localized in the cytoplasm and/or nucleus. S100A4 is involved in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of the S100A4 gene have been implicated in tumor metastasis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** S100A4 protein at in 20mM Tris-HCl, pH-8 & 10% Glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MACPLEKALD VMVSTFHKYS GKEGDKFKLN KSELKELLTR ELPSFLGKRT DEAAFQKLMS NLDSNRDNEVDFQEYCVFLS CIAMMCNEFF EGFPDKQPRK K.

