

S100 Calcium Binding Protein A8 Human Recombinant

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| Item Number | rAP-2921 |
| Synonyms | Calgranulin A, MRP8, CAGA, CGLA, CFAG, Protein S100-A8, S100 calcium-binding protein A8, Migration inhibitory factor-related protein 8, MRP-8, p8, Cystic fibrosis antigen, Leukocyte L1 complex light chain, Calprotectin L1L subunit, Urinary stone protein b |
| Description | S100A8 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 93 amino acids (1-93 a.a.) and having a molecular mass of 10.8 kDa. The S100A8 is purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P05109 |
| Amino Acid Sequence | MLTELEKALN SIIDVYHKYS LIKGNFHAVY RDDLKLLLET ECPQYIRKKG ADVWFKELDI NTDGAVNFQE FLILVIKMGV AAHKKSHEES HKE. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear colorless solution. 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. |
| Formulation and Purity | The S100A8 solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**