

### 32-13393: S100A10 Mouse

**Alternative Name :** Protein S100-A10, Calpactin I light chain, Calpactin-1 light chain, Cellular ligand of, annexin II, S100 calcium-binding protein A10, p10 protein, p11, S100a10, Cal11.

#### Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

S100A10 is a member of the S100 family of proteins contains two EF-hand calcium-binding motifs and is thought to be involved in the regulation of a number of cellular processes including cell cycle progression and differentiation. S100 proteins are localized either in the cytoplasm or the nucleus of a wide range of cells. There are at least 13 members in the S100 gene family, which are located as a cluster on chromosome 1q21. S100A10 may function in exocytosis and endocytosis.

S100A10 Mouse Recombinant produced in E. coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (1-97a.a) and having a molecular mass of 13.6kDa. S100A10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

#### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** S100A10 protein solution (1mg/ml) containing phosphate buffered saline (pH 7.4) and 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 MGSMPSQMEH AMETMMLTFH RFAGDKDHLT KEDLRVLMER  
EFPGFLENQK DPLAVDKIMK DLDQCRDGKV GFQSFLSLVA GLTIACNDYF VVNMKQKGKK.