



Product Datasheet

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| Product Name | S100A10 Human Recombinant |
| Cata No | CB501005 |
| Source | <i>Escherichia Coli.</i> |
| Synonyms | Protein S100-A10, S100 calcium-binding protein A10, Calpactin-1 light chain, Calpactin I light chain, p10 protein, p11, Cellular ligand of annexin II, S100A10, ANX2LG, CAL1L, CLP11, 42C, p10, GP11, ANX2L, Ca[1], MGC111133. |

Description

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 Human Recombinant also called Calpactin light chain is expressed in E. coli having a molecular weight of 15.3kDa fused to an amino terminal hexahistidine tag.

Purity

Greater than 95% as determined by SDS-PAGE. 2 bands on Western blot at 15.3 and 30.6 kDa, respectively representing monomeric and dimeric form.

Formulation

S100-A10 is supplied in 10mM Tris-HCl (pH 8), 250mM NaCl, 0.5mM DTT, 1.5mM Cysteine, and 50% Glycerol.

Applications

S100A10 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments.

The biological activity of this product has not yet been tested.