

Recombinant Human Protein S100-A6(S100A6)

Catalog No: #AP70738

Package Size: #AP70738-1 20ug #AP70738-2 100ug #AP70738-3 1mg

Description

Product Name	Recombinant Human Protein S100-A6(S100A6)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-90aaSequence Info:Full Length
Other Names	Calcyclin;Growth factor-inducible protein 2A9MLN 4Prolactin receptor-associated protein ;PRAS100 calcium-binding protein A6
Accession No.	P06703
Calculated MW	26.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MACPLDQAIGLLVAIFHKYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARLMEDLDRNKDQEVNFQEYVT FLGALALIYNEALKG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

References

Molecular cloning of the cDNA for a growth factor-inducible gene with strong homology to S-100, a calcium-binding protein.Calabretta B., Battini R., Kaczmarek L., de Riel J.K., Baserga R.J. Biol. Chem. 261:12628-12632(1986)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.