

Recombinant Human Protein S100P protein (His Tag)

Catalog Number:PDEH100041



Note: Centrifuge before opening to ensure complete recovery of vial contents.

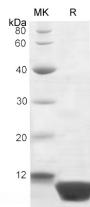
Description

Synonyms	MIG9;Migration inducing gene 9;Protein S100-E;Protein S100-P;S100 calcium binding protein P;S100 calcium-binding protein P;S100 P;S100E;S100P;S100P
Species	Human
Expression Host	E.coli
Sequence	Met1-Lys95
Accession	P25815
Calculated Molecular Weight	11.8 kDa
Observed molecular weight	10-11 kDa
Tag	N-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

May function as calcium sensor and contribute to cellular calcium signaling. In a calcium-dependent manner, functions by interacting with other proteins, such as EZR and PPP5C, and indirectly plays a role in physiological processes like the formation of microvilli in epithelial cells. May stimulate cell proliferation in an autocrine manner via activation of the receptor for activated glycation end products (RAGE).

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