

Recombinant Rat Ceacam1/BGP-1 protein (His Tag)

Catalog Number: PDER100161

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

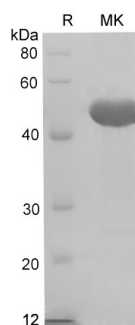
Description

Species	Rat
Source	E.coli-derived Rat Ceacam1 protein Gln35-Ala425, with an N-terminal His & C-terminal His
Calculated MW	45.1 kDa
Observed MW	40-50 kDa
Accession	P16573
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
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 a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Cell adhesion protein that mediates homophilic cell adhesion in a calcium-independent manner (By similarity). Plays a role as coinhibitory receptor in immune response, insulin action and functions also as an activator during angiogenesis. Its coinhibitory receptor function is phosphorylation- and PTPN6-dependent, which in turn, suppresses signal transduction of associated receptors by dephosphorylation of their downstream effectors. Plays a role in immune response, of T-cells, natural killer (NK) and neutrophils.

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