Recombinant Human CRISP3/SGP28 Protein (His Tag)

Catalog Number: PKSH032331

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

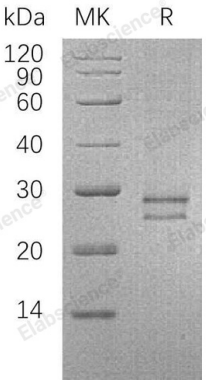
Description

Species	Human
Mol_Mass	26.5 kDa
Accession	P54108
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg 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 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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



> 95 % as determined by reducing SDS-PAGE.

Background

Cysteine-rich secretory protein 3 (CRISP-3) is a secreted protein,containing 1 SCP domain and 1 ShKT domain.It is belongs to the CRISP family. CRISP-3 is a glycoprotein that belongs to the family of cysteine-rich secretory proteins (CRISPs) which was originally discovered in human neutrophilic granulocytes. CRISP-3 is also widely distibuted in exocrine glands (salivary glands, pancreas and prostate), eosinophilic granulocytes and to a lower level in epididymis, ovary, thymus and colon. The presence of CRISP-3 in neutrophils, eosinophils and in exocrine secretions indicates a role in innate host defense. The antibody has been raised against recombinant C-terminally truncated form of CRISP-3 and recognizes both the N-glycosylated and non-glycosylated form of the mature protein.

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