

# Recombinant Human CRISP3/SGP28 Protein (His Tag)

Catalog Number:PKSH032331

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

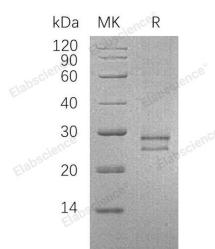
## Description

<b>Synonyms</b>	Cysteine-Rich Secretory Protein 3;CRISP-3;Specific Granule Protein of 28 kDa;SGP28;CRISP3
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Asn21-Tyr245
<b>Accession</b>	P54108
<b>Calculated Molecular Weight</b>	26.5 kDa
<b>Observed molecular weight</b>	25-32 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 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.
<b>Reconstitution</b>	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 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 distributed 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.

## For Research Use Only

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