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Datasheet for ABIN7013229

Secretory Component Protein (AA 19-603) (Twin-Strep tag)

Overview

Quantity:	200 µg
Target:	Secretory Component
Protein Characteristics:	AA 19-603
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Secretory Component protein is labelled with Twin-Strep tag.

Product Details

Purpose:	Human Secretory Component, Twin Strep Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Secretory Component
Abstract:	Secretory Component Products
Background:	The secretory component (SC) is a unique polypeptide chain that may be found in immunoglobulins A and M (IgA and IgM). The SC wraps around two IgA units joined by a J chain protein fragment, resulting in a configuration with each of the two antigen binding regions of the two constituent y-shaped antibodies exposed. One identified function of secretory components is to protect IgA antibodies from degradation by the gastric acids and enzymes of

Target Details

the digestive system. It also appears that SC may serve in the three-dimensional organization or in the transport and distribution of the resulting IgA complexes.

Molecular Weight: 67.6 kDa

NCBI Accession: [NP_002635](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.3

Storage: -20 °C