

Datasheet for ABIN6386888

CHMP4A Protein (AA 1-265) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	CHMP4A
Protein Characteristics:	AA 1-265
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHMP4A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	CHMP4A, 1-265aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	CHMP4A
Alternative Name:	CHMP4A (CHMP4A Products)
Background:	CHMP4A (Chromatin-modifying protein 4a) belongs to the SNF7 family and functions as chromatin-modifying proteins. It probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. Also during HIV-1 infection, the virus uses the ESCRT-III complex to mediate budding and exocytosis of viral proteins via the

Target Details

association of CHMP4 and a protein recruited by HIV-1 p6, which is present in viral Gag assembly and budding. CHMP4A expressed at higher level in heart, kidney, liver and skeletal muscle. Recombinant human CHMP4A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: chromatin modifying protein 4A, CHMP4, CHMP4B, HSPC134, SHAX2, SNF7, SNF7-1, VPS32-1, VPS32A. NCBI no.: NP_054888

Molecular Weight: 32.0kDa (285aa), confirmed by MALDI-TOF

Application Details

Restrictions: For Research Use only

Handling

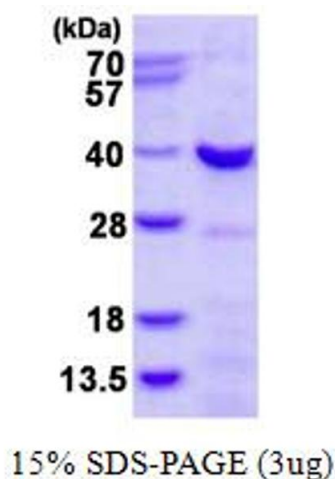
Format: Liquid

Concentration: 0.25mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 50% glycerol, 200mM NaCl, 0.1mM PMSF, 1mM EDTA

Storage: 4 °C

Images



SDS-PAGE

Image 1.