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Datasheet for ABIN1633875

## CHMP7 Protein (AA 1-453) (His tag)

### Overview

Quantity:	1 mg
Target:	CHMP7
Protein Characteristics:	AA 1-453
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHMP7 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MWSPEREAEA PAGGDPAGLL PPEWEEDEER MSFLFSAFKR SREVNSTDWD SKMGFWAPLV</p> <p>LSHSRRQGVV RLRLRDLQEA FQRKGSVPLG LATVLQDLLR RGELQRESDF MASVDSSWIS</p> <p>WGVGVFLLKP LKWTLSNMLG DNKVPAAEVL VAVELLKEKA EEVYRLYQSS PLSSHPVVAL</p> <p>SELSTLCANS CPDERTFYLV LLQLQKEKRV TVLEQNGEKI VKFARGPHAK VSPVNDVDVG</p> <p>VYQLMQSEQL LSRKVESLSQ EAERCKEEAR RACRAGKKQL ALRSLKAKQR TEKRIEALHA</p> <p>KLDTVQGILD RIYASQTDQM VFNAYQAGVG ALKLSMKDVT VEKAESLVDQ IQELCDTQDE</p> <p>VSQTLAGGVT NGLDFDSEEL EKELDILLQD TTKEPLDLPD NPRDRHFTNS VPNPRISDAG</p> <p>LEAELEKLSL SEGGLVPSGK SPKRQLEPTL KPL</p>
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: CHMP7

Alternative Name: Charged multivesicular body protein 7 (CHMP7) ([CHMP7 Products](#))

Background: Recommended name: Charged multivesicular body protein 7.  
Alternative name(s): Chromatin-modifying protein 7

UniProt: [Q5R812](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.