Datasheet for ABIN5711690

TMEM66 Protein (AA 195-339) (His-SUMO Tag)

Go to Product page

1 Image

Overview

Quantity:	100 µg
Target:	TMEM66
Protein Characteristics:	AA 195-339
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM66 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SDGQYSPPPY SEYPPFSHRY QRFTNSAGPP PPGFKSEFTG PQNTGHGATS GFGSAFTGQQ GYENSGPGFW TGLGTGGILG YLFGSNRAAT PFSDSWYYPS YPPSYPGTWN RAYSPLHGGS GSYSVCSNSD TKTRTASGYG GTRRR
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	TMEM66
Alternative Name:	SARAF (TMEM66 Products)
Background:	Negative regulator of store-operated Ca2+ entry (SOCE) involved in protecting cells from Ca2+ overfilling. In response to cytosolic Ca2+ elevation after endoplasmic reticulum Ca2+ refilling,

Target Details

	promotes a slow inactivation of STIM (STIM1 or STIM2)-dependent SOCE activity: possibly act by facilitating the deoligomerization of STIM to efficiently turn off ORAI when the endoplasmic reticulum lumen is filled with the appropriate Ca2+ levels, and thus preventing the overload of the cell with excessive Ca2+ ions.
Molecular Weight:	31.48 kDa
UniProt:	Q96BY9

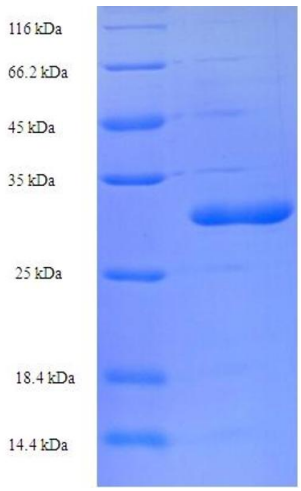
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.

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