

Datasheet for ABIN7557465
CAGE1 Protein (AA 1-849) (His tag)



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Overview

Quantity:	1 mg
Target:	CAGE1
Protein Characteristics:	AA 1-849
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAGE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cage1 Protein expressed in mammalian cells.
Sequence:	MSESETINVN GPSQDFSYSYD SPFCMEASFSSDLLQSETK NVKRGNESTH TFSEDIYSTE GSLLDINLG NYPESEQNQP ANTRLSSLRQ FEPICKFHWI EAFNDEMTVE DLRGAFSYSE KPELPSQVYN DAADGSEKPD PFKEESSVES SISENKDELV PAPVRKSPRS LCLNYYRGEA QPLTEAPFVR SAVVDVGLNI SQPQSFLDKE NVCKNGDNSS DRENCFEQLD LRAIYKAEPP EVSSKEVQNS GEISELSVSH QEEVTEGDVD SLAITSPWSP AGIFKGGSPQ DNSLRPDREV SCEGLEPLEE DMALNEALQK LKQTNKKQEL QIQDLHGKNL NLENRVQELQ TKVTKQHVLV DIINKLKVNI EELINDKYNV ILEKNDINKK LQDLQEASAH TKKHLQESKK DKESLQLQVK KIKVHYVRLQ ERYIAEIQQK NRSASQCLEI EKTLSKKDEE LQRLQRHKGE LEKATSSALD LLKREKEIRE QEFLSFQEEF QRREKESLKE RRKLSRVEK LVAQVKSLLF TCESERAQTM ALQRQVEELK LENLELRQLA AKREAQACTP SFEITQSKEQ LEEAVEPDIT QETKGTHCNL FLNRSSCKEN LELQPLKTS PLASGIHSL ALRIGLLTCQ DLATPDAELC QESKKANDIM LQRLKDCQLK KKDLDKELLK HKNRIATLKE LIASEKALQA HTIEITDFDA DEVKSARDAP

Product Details

VLLAVKLDKY HSLNEELDVL ITKLGGLLES KEDHYSRLIE ENDKYRRHVG SLINKVTSYE
EIIKCADQRL EISHSQIAHL EERNRHLEDL IRMPREKAKR PRPRLDNHPK SLTLISHLEG
HHKECSISL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CAGE1

Alternative Name: Cage1 ([CAGE1 Products](#))

Background: Cancer-associated gene 1 protein homolog (CAGE-1) (Cancer/testis antigen 3 homolog) (CT3 homolog)

Molecular Weight: 97.0 kDa

UniProt: [Q5IR70](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
