

Recombinant Human GRP94 protein (Tagged-His Tag) ab188463

1 References 1 Image

Description

Product name	Recombinant Human GRP94 protein (Tagged-His Tag)
Purity	> 90 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>Q5CAQ5</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	

ASDDEVVDVG TVEEDLGKSR EGSRTDDEVV
QREEEAIQLD GLNASQIREL REKSEKFAFQ
AEVNRMMKLI INSLYKNKEI FLRELISNAS DALDKIRLIS
LTDENALSGN EELTVKIKCD KEKNLLHVTD
TGVGMTREEL VKNLGTIAKS GTSEFLNKMT
EAQEDGQSTS ELIGQFGVGF YSAFLVADKV
VTSKHNNDT QHWESDSNE FSVIADPRGN TLGRGTTITL
VLKEEASDYL ELDTIKNLVK KYSQFINFPI VVWSSKTETV
EETMEEEEEAA KEEKEESDDE AAVEEEEEEEK
KPKTKKVEKT VWDWELMNDI KPIWQRPSKE
VEEDEYKAFY KSFSKESDDP MAYIHFTAEG EVTFKSILFV
PTSAPRGLFD EYGSKKSDYI KLYVRRVFIT
DDFHDMMPKY LNFVKGVVDS DDLPLNVSRE
TLQQHKLLKV IRKKLVKRL DMIKKIADDK YNDTFWKEFG
TNIKLGVIED HSNRTRLAKL LRFQSSHHT DITSLDQYVE
RMKEKQDKIY FMAGSSRKEA ESSPFVERLL
KKGYEVIYLT EPVDEYCIQA LPEFDGKRFG
NVAKEGVKFD ESEKTESRE AVEKEFEPLL
NWMKDKALKD KIEKAVVSQR LTESPCALVA
SQYGWSGNME RIMKAQAYQT GKDISTNYA
SQKKTFEINP RHPLIRDMLR RIKEDEDDKT VLDLAVVLFE
TATLRSGYLL PDKAYGDRI ERMRLRLSLNI DPDAKVEEEP

EEEPEETAED TTEDTEQDED EEMDVGTDEE
ETAKESTAE G PKLHHHHHH

Predicted molecular weight	91 kDa including tags
Amino acids	22 to 798
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab188463** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA Mass Spectrometry SDS-PAGE
Mass spectrometry	LC-MS/MS
Form	Lyophilized

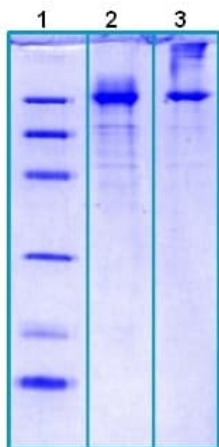
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 95% PBS, 1% Sucrose, 4% Mannitol
Reconstitution	Add 200 µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

General Info

Function	Molecular chaperone that functions in the processing and transport of secreted proteins. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity.
Sequence similarities	Belongs to the heat shock protein 90 family.
Cellular localization	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



14 % SDS-PAGE separation of Human GRP94:

1. MW marker - 14, 21, 31, 45, 66, 97 kDa
2. Reduced and boiled sample, 2.5 µg/lane
3. Non-reduced and non-boiled sample, 2.5 µg/lane

SDS-PAGE - Recombinant Human GRP94 protein
(Tagged-His Tag) (ab188463)

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