

Recombinant human GRP78 BiP protein (Active) ab78432

★★★★★ [1 Abreviews](#) [13 References](#) [2 图像](#)

描述

产品名称	重组人GRP78 BiP蛋白(Active)
生物活性	ab78432 has ATPase activity at the time of manufacture of 2.3μM phosphate liberated/hr/μg protein in a 200μl reaction at 37°C (pH7.5) in the presence of 20ul of 1mM ATP, using a Malachite Green assay.
纯度	> 90 % SDS-PAGE. Ab78432 is purified by affinity purification.
表达系统	Escherichia coli
Accession	<u>P11021</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	

MKLSLVAAML LLLSAARAE EDKKEDVGTV
VGIDLGTTYS CVGVFKNGRV EIIANDQGNR
ITPSYVAFTP EGERLIGDAA KNQLTSNPEN
TVFDAKRLIG RTWNDPSVQQ DIKFLPFKVV
EKKTkPYIQV DIGGGQTKTF APEEISAMVL
TKMKETA EAY LGKKVTHAVV TVPAYFNDAQ
RQATKDAGTI AGLNVMRIIN EPTAAAIAYG
LDKREGEKNI LVFDLGGGTF DVSLLTIDNG
VFEVVATNGD THLGGEDFDQ RVMEHFIKLY
KKKTGKDVRK DNRAVQKLRR EVEKAKRALS
SQHQARIEIE SFYEGEDFSE TLTRAKFEEL
NMDLFRSTMK PVQKVLEDSD LKKS DIDEIV
LVGGSTRIPK IQQLVKEFFN GKEPSRGINP
DEAVAYGAAV QAGVLSGDQD TGDVLVLLDVC
PLTLGIETVG GVMTKLIPRN TVVPTKKSQI
FSTASDNQPT VTIKVYEGER PLTKDNHLLG
TFDLTGIPPA PRGVPQIEVT FEIDVNGILR
VTAEDKGTGN KNKITITNDQ NRLTPEEIER
MVNDAEKFAE EDKKLKERID TRNELESYAY
SLKNQIGDKE KLGGKLSSSED KETMEKAVEE
KIEWLESHQD ADIEDFKAKK KELEEIVQPI
ISKLYGSAGP PPTGEEDTAE KDEL

预测分子量	78 kDa
氨基酸	1 to 654
标签	His tag N-Terminus
额外的序列信息	his-tagged (Gene ID 3309)(NM_005347)

技术指标

Our **Abpromise guarantee** covers the use of **ab78432** in the following tested applications.

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

应用	Western blot
	ELISA
	Functional Studies
	Competitive Binding Assays
	SDS-PAGE
形式	Liquid

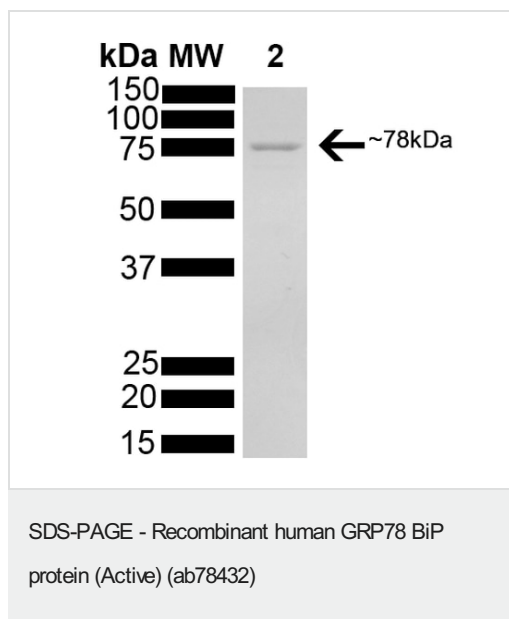
制备和贮存

稳定性和存储	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
	pH: 7.50
	Constituents: 0.79% Tris HCl, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine)
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

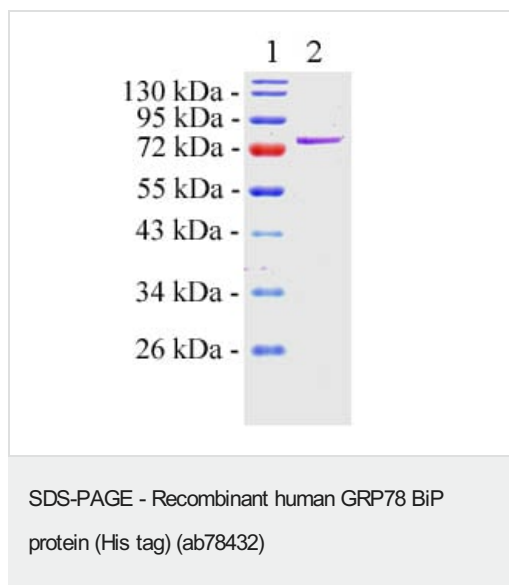
常规信息

功能	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
疾病相关	Autoantigen in rheumatoid arthritis.
序列相似性	Belongs to the heat shock protein 70 family.
细胞定位	Endoplasmic reticulum lumen. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



SDS-PAGE of 78kDa Grp78 (BiP) protein.



Lane 1. Molecular weight ladder

lane 2. GRP78 BiP protein

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