

Recombinant human Endoplasmin

Catalog No: #AP72134

Package Size: #AP72134-1 20ug #AP72134-2 100ug #AP72134-3 1mg

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Description

Product Name	Recombinant human Endoplasmin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-799aaSequence Info:Partial
Other Names	94KDA glucose-regulated protein ;GRP-94Heat shock protein 90KDA beta member 1Tumor rejection antigen 1gp96 homolog
Accession No.	P14625
Uniprot	P14625
GeneID	7184;
Calculated MW	93.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VDGTVEEDLGKSREGSRTDDEVVQREEEAIQLDGLNASQIRELREKSEKFAFQAEVNRMMKLIINSLYKNKEIF LRELISNASDALDKIRLISLTDENALSGNEELTVKIKCDKEKNLLHVTDTGVGMTREELVKNLGTIAKSGTSEFLN KMTEAQEDGQSTSELIGQFVGFYSAFLVADKVIVTSKHNNDTQHIWESDSNEFSVIADPRGNTLGRGTTITLV LKEEASDYLELDTIKNLVKKYSQFINFPIYVWSSKTETVEEPMEEEEAAKEEKEESDDEAAVEEEEEKKPKTK KVEKTVWDWELMNDIKPIWQRPSKEVEEDEYKAFYKFSKESDDPMAYIHFTAEGEVTFKSILFVPTSAPRGL FDEYGSKSDYIKLYVRRVITDDFHDMMPKYLNFKVGGVDSDDLPLNVSRETQHQHLLKVIKRLVLRKTLDM IKKIADDKYNDTFWKEFGTNIKLVIEDHSNRTRLAKLLRFQSSHPTDITSLDQYVERMKEKQDKIYFMAGSSR KEAESSPFVERLLKKGYEVIYLTEPVDEYCIQALPEFDGKRFQNVAKEGVKFDSEKTKESREAVEKEFEPLLN WMKDKALKDKIEKAVVSQRLTESPCALVASQYGSNGMERIMKAQAYQTGKDISTNYYASQKKTFEINPRHP LIRDMLRRIKEDDDKTVLDLAVLFFETATLRSGYLLPDTKAYGDRIERMLRSLNIDPDAKVEEPEEEEEPEETA EDTTEDTEQDEDEEMDVGTEDEEETAKESTAE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Molecular chaperone that functions in the processing and transport of secreted proteins. When associated with CNPY3, required for proper folding of Toll-like receptors . Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity.1 Publication

References

A subset of chaperones and folding enzymes form multiprotein complexes in endoplasmic reticulum to bind nascent proteins.Meunier L., Usherwood

Note: This product is for in vitro research use only