

Datasheet for ABIN7554372
ERBB2IP Protein (AA 1-1412) (His tag)



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Overview

Quantity:	1 mg
Target:	ERBB2IP
Protein Characteristics:	AA 1-1412
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERBB2IP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ERBIN Protein expressed in mammalien cells.
Sequence:	MTTKRSLFVR LVPCRCLRGE EETVTTLDYS HCSLEQVPKE IFTFEKTL EE LYLDANQIEE LPKQLFNCQS LHKLSLPDND LTTLPASIAN LINLRELDVS KNGIQEFPEN IKNCKVLTIV EASVNPISKL PDGFSQLLNL TQLYLNDAFL EFLPANFGRL TKLQILELRE NQLKMLPKTM NRLTQLERLD LGSNEFTEVP EVLEQLSGLK EFWMDANRLT FIPGFIGSLK QLTYLDVSKN NIEMVEEGIS TCENLQDLLL SSNSLQQLPE TIGSLKNITT LKIDENQLMY LPDSIGGLIS VEELDCSFNE VEALPSSIGQ LTNLRTFAAD HNYLQQLPPE IGSWKNITVL FLHSNKLETL PEEMGDMQKL KVINLSDNRL KNLPFSFTKL QQLTAMWLSLSD NQSKPLIPLQ KETDSETQKM VLTNYMFPQQ PRTE DVMFIS DNESFNPSLW EEQRKQRAQV AFECDEKDE REAPPREGNL KRYPTYPDE LKNMVKT VQT IVHRLKDEET NEDSGRDLKP HEDQQDINKD VGVKTSESTT TVKSKVDERE KYMIGNSVQK ISEPEAEISP GSLPVTANMK ASENKHIHVN HDDVFEESSE LSSDEEMKMA EMRPPLIETS INQPKVVALS NNNKDDTKET DSLSDEVTHN SNQNNNSNCSS

PSRMSDSVSL NTDSSQDTSL CSPVKQTHID INSKIRQEDE NFNSLLQNGD ILNSSTEEKF
KAHDKKDFNL PEYDLNVEER LVLIEKSVDS TATADDTHKL DHINMNLNKL ITNDFQPEI
MERSKTQDIV LGTSFLSINS KEETEHLENG NKYPNLESVN KVNGHSEETS QSPNRTEPHD
SDCSVDLGIS KSTEDLSPQK SGPVGSVVKV HSITNMEIGG LKIYDILSDN GPQQPSTTVK
ITSAVDGKNI VRSKSATLLY DQPLQVFTGS SSSSDLISGT KAIFKFDNSH NPEEPNIIRG
PTSGPQSAPQ IYGPPQYNIQ YSSSAVKDT LWSKQNPQI DHASFPQQL PRSESTENQS
YAKHSANMNF SNHNNVRANT AYHLHQRLGP ARHGEMWAIS PNDRLIPAVT RSTIQRQSSV
SSTASVNLGD PGSTRRAQIP EGDYLSYREF HSAGRTPPMM PGSQRPLSAR TYSIDGPNAS
RPQSARPSIN EIPERTMSVS DFNYSRTSPS KRPNARVGSE HSLDPPGKS KVPRDWREQV
LRHIEAKKLE KKHPQTSSSG DPCQDGIFIS GQQNYSSATL SHKDVPPDSL MKMPLSNGQM
GQPLRPQANY SQIHPPQAS VARHPSREQL IDYLMKVAH QPPYTQPHCS PRQGHELAQK
EIRVRVEKDP ELGFSISGGV GGRGNPFRPD DDGIFVTRVQ PEGPASKLLQ PGDKIIQANG
YSFINIEHGQ AVSLLKTFQN TVELIIVREV SS **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.**

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, Western Blot

Grade: custom-made

Target Details

Target:	ERBB2IP
Alternative Name:	ERBIN (ERBB2IP Products)
Background:	Erbin (Densin-180-like protein) (Erb2-interacting protein) (Protein LAP2),FUNCTION: Acts as an adapter for the receptor ERBB2, in epithelia. By binding the unphosphorylated 'Tyr-1248' of receptor ERBB2, it may contribute to stabilize this unphosphorylated state (PubMed:16203728). Inhibits NOD2-dependent NF-kappa-B signaling and pro-inflammatory cytokine secretion (PubMed:16203728). {ECO:0000269 PubMed:10878805, ECO:0000269 PubMed:16203728}.
Molecular Weight:	158.3 kDa
UniProt:	Q96RT1
Pathways:	EGFR Signaling Pathway, Asymmetric Protein Localization

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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