

Datasheet for ABIN7564231
ERBB2IP Protein (AA 1-1402) (His tag)



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Overview

Quantity:	1 mg
Target:	ERBB2IP
Protein Characteristics:	AA 1-1402
Origin:	Mouse
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:	<p>MTTKRSLFVR LVPCRCLRGE EETVTTLDYS HCSLEQVPKE IFTFEKTL EE LYLDANQIEE LPKQLFNCQS LHKLSLPDND LTTLPASIAN LINLRELDVS KNGIQEFPEN IKNCKVLTIV EASVNPISKL PDGFSQLLNL TQLYLNDAFL EFLPANFGRL TKLQILELRE NQLKMLPKTM NRLTQLERLD LGSNEFTEVP EVLEQLSGLR EFWMDGNRLT FIPGFIGSLR QLTYLDVSKN NIEMVEEGIS TCENLQDFLL SSNSLQQLPE TIGSLKNVTT LKIDENQLMY LPDSIGGLRS IEELDCSFNE IEALPSSIGQ LTNMRTFAAD HNYLQQLPPE IGNWKNITVL FLHCNKLETL PEEMGDMQKL KVINLSDNRL KNLPFSFTKL QQLTAMWLSLSD NQSKPLIPLQ KETDTETQKM VL TNYMFPQQ PRTE DVMFIS DNESFNPALW EEQRKQRAQV AFECDEKDE REAPPREGNL KRYPTYPDE LKNMVKTVQT IVHRLKDEET NEESGRDLKQ HEDQQVVNKD KCVKTSESTT TKSKLDEREK YMNSVQKMSE PEAETNGGNL PVTASMKLSG NLKHIVNHDD VFESEELSS DEEMKMAEMR PPLIESSINQ PKVVALSNNK KDDAKDADSL SDEVTHNSNQ NNSNCSSPSR</p>

MSDSVSLNTD SSQDTSLCSP VKQTPVDSNS KVRQEDENFN SLLQNGVNLN NSPEEKFKIN
DKKDFKLPEY DLNIEEQLVL IEKDIDSKAT SDDSRQLDHI NMNINKLVTN NIFQPEVMER
SKMQDIVLGT GFLSIHPKNE AEHIENGAKF PNLESINKVN GLCEDTAPSP GRVEPQKASS
SADVGISKST EDLSPQRS GP TGAUVKSHSI TNMETGGLKI YDILGDDGPQ PPSAAVKIAS
AVDGKNIVRS KSATLLYDQP LQVFTAASSS SELLSGTKAV FKFDNSHNPE EPDIIRAATV
SGPQSTPHLY GPPQYNVQYS GSATVKDTLW HPKQNPQIDP VSFPPQRLPR SESAENHSYA
KHSANMNFNS HNNVRANTGY HLQQLAPAR HGEMWAI SPN DRLVPAVTRT TIQRQSSVSS
TASVNLGDPT RRTEGDYLSY RELHSMGRTP VMSGSQRPLS ARAYSIDGPN TSRPQSARPS
INEIPERTMS VSDFNYSRTS PSKRPNTRVG SEHSLDPPG KSKVPHDWRE QVLRHIEAKK
LEKHPQTSSP GECCQDDRFM SEEQNHPSGA LSHRGLPDSL MKMPLSNGQM GOPLRPQAHY
SQTHPPQAS VARHPSREQL IDYLMLKVAH QPPYTHPHCS PRQGHELAQK EIRVRVEKDP
ELGFSISGGV GGRGNPFRPD DDGIFVTRVQ PEGPASKLLQ PGDKIIQANG YSFINIEHGQ
AVSLLKTFHN AVDLIIVREV 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

Target Details

Alternative Name:	Erbin (ERBB2IP Products)
Background:	Erbin (Densin-180-like protein) (ErbB2-interacting protein) (Protein LAP2),FUNCTION: Acts as an adapter for the receptor ERBB2, in epithelia. By binding the unphosphorylated ERBB2 'Tyr-1248' receptor, it may contribute to stabilize this unphosphorylated state (By similarity). Inhibits NOD2-dependent NF-kappa-B signaling and pro-inflammatory cytokine secretion (PubMed:16203728). {ECO:0000250 UniProtKB:Q96RT1, ECO:0000269 PubMed:16203728}.
Molecular Weight:	157.2 kDa
UniProt:	Q80TH2
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