

Product datasheet for **AR52029PU-S**

ERBB3 / HER3 (20-641, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ERBB3 / HER3 (20-641, His-tag) mouse protein, 50 µg
Species:	Mouse
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	SEMGNSQAVC PGTLNGLSVT GDADNQQYQTL YKLYEKCEVW MGNLEIVLTG HNADLSFLQW IREVTGYVLV AMNEFSVLPL PNLRVVRGTQ VYDGKFAIFV MLNYNTNSSH ALRQLRFTQL TEILLGGVYI EKNDKLCHMD TIDWRDIVRV PDAEIVVKNN GGNCPPCHEV CKGRCWGGPG EDCQILTKTI CAPQCNCRFC GPNPNQCCHD ECAGGCSGPQ DTDCFACRHF NDSGACVPRC PAPLVYNKLT FQLEPNPHIK YQYGGVCVAS CPHNFVVDQT FCVRACPADK MEVDKNGLKM CEPGRGLCPK ACEGTGSGSR YQTVDSSNID GFVNCTKILG NLDLITGLN GDPWHKIPAL DPEKLNVFRT VREITGYLNI QSWPPMHNF SVFSLTTIG GRSLYNRGFS LLIMKLNVT SLGFRSLKEI SAGRVYISAN QQLCYHHSLN WTRLLRGP AE ERLDIKYNRP LGECVAEGKV CDPLCSSGGC WGP GPGQCLS CRNYSREGVC VTHCNVLQGE PREFVHEAHC FSCHPECQPM EGTSTCNGSG SDACARCAHF RDGPHCVNSC PHGILGAKGP IYKYPDAQNE CRPCHENCTQ GCKGPELQDC LGQAEVLM SK PHLEHHHHHH
Tag:	His-tag
Predicted MW:	69.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS – PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_034283
Locus ID:	13867



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UniProt ID:	Q61526
Cytogenetics:	10 77.1 cM
Synonyms:	C76256; Erbb-3; Erbb3r; Her3
Summary:	Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase. May also be activated by CSPG5. Involved in the regulation of myeloid cell differentiation.[UniProtKB/Swiss-Prot Function]

Product images:

