

HER2/CD340 Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P75804
Synonyms:	Receptor tyrosine-protein kinase erbB-2; p185neu; CD340; Erbb2; Neu
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005584091.2 (T23-T652)
Gene ID:	/
Molecular Weight:	Approximately 96.4 kDa

PROPERTIES

AA Sequence

TQVCTGTD MK	LRLPASPETH	LDMLRHLYQG	CQVVQGNLEL
TYLPTNASLS	FLQDIQEVQG	YVLI AHNQVR	QVPLQRLRIV
RGTQLFEDNY	ALAVLDNGNP	LNNTTPVTGA	SPGGLRELQL
RSLTEILKGG	VLIQRNPQLC	YQDTILWKDI	FHKNNQLALT
LIDTNRSRAC	HPCSPVCKGS	RCWGESSEDC	QSLTRTV CAG
GCARCKGPLP	TDCCHEQCAA	GCTGPKHSDC	LACLHFNHSG
ICELHCPALV	TYNTDTFESM	PNPEGRYTFG	ASCVTACPYN
YLSTDVGSCT	LVCPLHNQEV	TAEDGTQRCE	KCSKPCARVC
YGLGMEHLRE	VRAVTSANIQ	E FAGCKKIFG	SLAFLPESFD
GDPASNTAPL	QPEQLRVFET	LEEITGYLYI	SAWPDSL PDL
SVLQNLQVIR	GRI LHNGAYS	LTLQGLGISW	LGLRSLREL G
SGLALIHNT	RLCFVHTVPW	DQLFRNPHQA	LLHTANRPED
ECVGEGLACH	QLCARGHCWG	PGPTQCVNCS	QFLRGQECVE
ECRVLQGLPR	EYVNARHCLP	CHPECQPQNG	SVTCFGPEAD
QCVA CAHYKD	PPFCVARCPS	GVKPDL SYMP	IWKFPDEEGT
CQSCP INCTH	SCVDLDDKGC	PAEQRASPLT	

Biological Activity

The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.

Appearance

Lyophilized powder.

Formulation

Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.

Endotoxin Level

<1 EU/ μ g, determined by LAL method.

Reconstitution

It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH₂O.

Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION**Background**

Erb-b2 receptor tyrosine kinase 2 enables ATP binding and transmembrane receptor protein tyrosine kinase activity. Erb-b2 receptor tyrosine kinase 2 is involved in multicellular organism development, neuron differentiation, positive regulation of MAPK cascade, positive regulation of cell population proliferation, positive regulation of kinase activity, protein phosphorylation and transmembrane receptor protein tyrosine kinase signaling pathway. Erb-b2 receptor tyrosine kinase 2 is located in basal plasma membrane^{[1][2][3]}.

Caution: Product has not been fully validated for medical applications. For research use only.

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