

HER4 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P73036
Synonyms:	Receptor tyrosine-protein kinase erbB-4; 4ICD; E4ICD; s80HER4; ERBB4; HER4
Species:	Rat
Source:	HEK293
Accession:	Q62956 (Q26-P651)
Gene ID:	59323
Molecular Weight:	Approximately 119 kDa

PROPERTIES

AA Sequence

M K L A T G L W V W	G S L L V A A R T V	Q P S A S Q S V C A	G T E N K L S S L S
D L E Q Q Y R A L R	K Y Y E N C E V V M	G N L E I T S I E H	N R D L S F L R S I
R E V T G Y V L V A	L N Q F R Y L P L E	N L R I I R G T K L	Y E D R Y A L A I F
L N Y R K D G N F G	L Q E L G L K N L T	E I L N G G V Y V D	Q N K F L C Y A D T
I H W Q D I V R N P	W P S N M T L V S T	I G S S G C G R C H	K S C T G R C W G P
T E N H C Q T L T R	T V C A E Q C D G R	C Y G P Y V S D C C	H R E C A G G C S G
P K D T D C F A C M	N F N D S G A C V T	Q C P Q T F V Y N P	T T F Q L E H N F N
A K Y T Y G A F C V	K K C P H N F V V D	S S S C V R A C P S	S K M E V E E N G I
K M C K P C T D I C	P K A C D G I G T G	S L M S A Q T V D S	S N I D K F I N C T
K I N G N L I F L V	T G I H G D P Y N A	I D A I D P E K L N	V F R T V R E I T G
F L N I Q T W P P N	M T D F S V F S N L	V T I G G R V L Y S	G L S L L I L K Q Q
G I T S L Q F Q S L	K E I S A G N I Y I	T D N S N L C Y Y H	T I N W T T L F S T
V N Q R I V I R D N	R R A E N C T A E G	M V C N H L C S N D	G C W G P G P D Q C
L S C R R F S R G K	I C I E S C N L Y D	G E F R E F E N G S	I C V E C D S Q C E
K M E D G L L T C H	G P G P D N C T K C	S H F K D G P N C V	E K C P D V L Q G A
N S F I F K Y A D Q	D R E C H P C H P N	C T Q G C N G P T S	H D C I Y Y P W T G
H S T L P Q H A R T	P		

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 µm 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/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
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**

ERBB4 is a protein that plays important roles in the development of the central nervous system, neural crest cell migration, and axon guidance. It is also involved in mammary gland differentiation, induction of milk proteins, and lactation.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA