

Product datasheet for **TP726772**

ErbB3 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Receptor Tyrosine-Protein Kinase ErbB-3/HER3 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser20-His641
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse Receptor Tyrosine-Protein Kinase ErbB-3 is produced by our Mammalian expression system and the target gene encoding Ser20-His641 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	13867
UniProt ID:	Q61526
Summary:	Receptor tyrosine-protein kinase erbB-3 is an enzyme that in humans is encoded by the ERBB3 gene. This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. ERBB3 belongs to the protein kinase superfamily,tyr protein kinase family and EGF receptor subfamily.It contains 1 protein kinase domain and it is expressed in Epithelial tissues and brain. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity.



[View online »](#)