

ERBB2

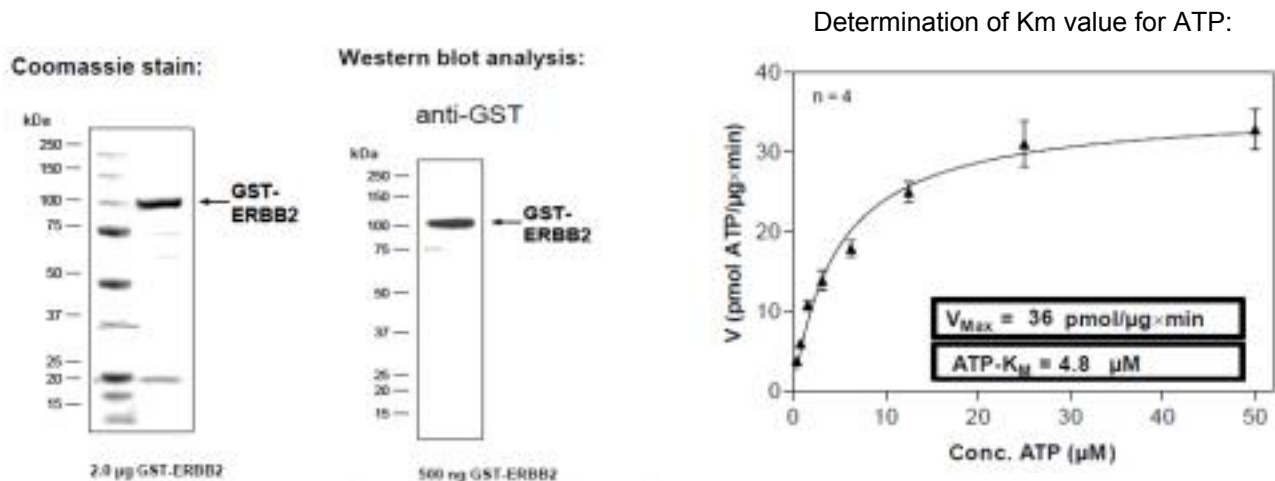
Recombinant Human EGFR-related Protein (Gln679-Val1255) Active GST-His

Catalog No.	CRE022	Quantity:	50 µg
Alternate Names:	CD340, HER-2, HER-2/neu, HER2, NEU, NGL, TKR1, c-erb B2/neu protein, erbB-2, herstatin, neuroblastoma/glioblastoma derived oncogene homolog, v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog)		
Description:	Human ERBB2, C-terminal fragment, amino acids Q ₆₇₉ -V ₁₂₅₅ (as in GenBank entry X03363)*, N-terminal GST-HIS ₆ fusion protein with a Thrombin cleavage site, expressed in Sf9 insect cells. *Sequence may contain documented polymorphisms Detailed aa-sequence on request		
Concentration:	0.224 µg/µl		
Gene ID:	2064		
Protein Accession No:	X03363		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 93,908 Da		
Formulation:	50 mM HEPES pH 7.5 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione, 20% glycerol		
Purification:	GST-Affinity Chromatography		
Product Identity:	ERBB was confirmed as human ERBB2 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	36 pmol/µg×min Method for determination of K _m value and specific activity: • Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 3 µM Na-orthovanadate 1.2 mM DTT 50 µg / ml PEG _{20,000} ATP (variable) Substrate: Poly(Glu,Tyr) _{4:1} (Sigma P-0275), 5.0 µg / ml ERBB2: 4 µg/ml		



- Filter binding assay
MSFC membrane (Millipore)

Storage & Stability: Store in working aliquots at -80°C . **Avoid repeated freeze-thaw cycles.**



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

