

EPHB3

Recombinant Human EPHB3 Active GST-His

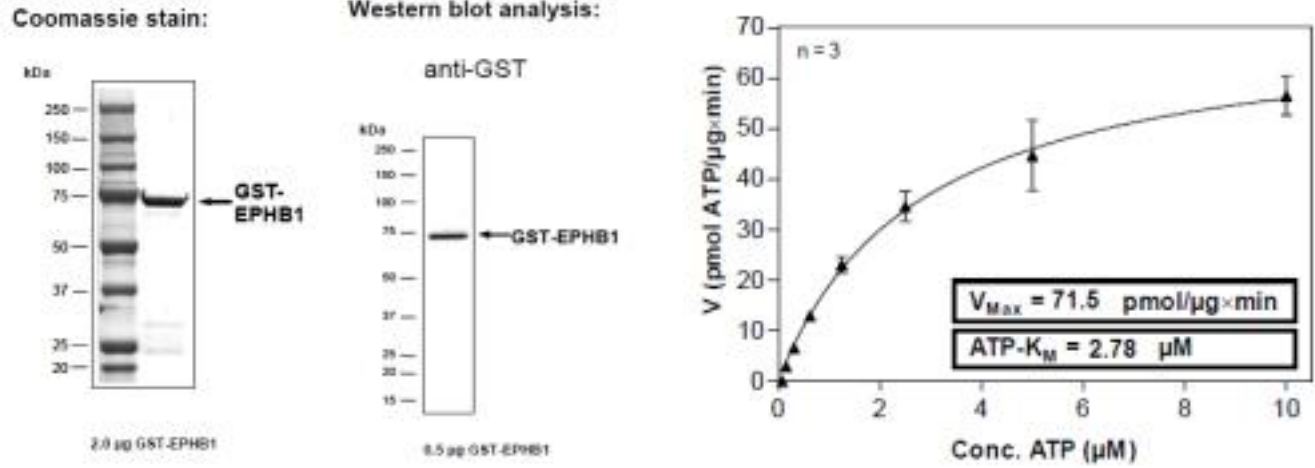
Catalog No.	CRE021	Quantity:	50 µg
Alternate Names:	ETK2, HEK2, TYRO6, EPH-like tyrosine kinase-2, ephrin receptor EphB3, human embryo kinase 2		
Description:	Human EPHB3 Amino acids Q ₅₈₅ -V ₉₉₈ (as in GenBank entry NM_004443)*, N-terminally fused to GST-HIS ₆ . Thrombin cleavage site *Sequence may contain documented polymorphisms Detailed sequence on request.		
Concentration:	0.258 µg/µl		
Gene ID:	2049		
Protein Accession No:	NM_004443		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 80,148 Da		
Formulation:	50 mM Tris-HCl + pH 8.0 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	EPHB3 was confirmed as human EPHB3 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	75 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 2.5 µg / 50 µl PEG _{20,000} ATP (variable) Substrate: Poly(Glu,Tyr) _{4:1} (Sigma P-0275), 0.5 µg / 50 µl Recombinant EPHB3: 25 ng / 50 µl • Filter binding assay MAFC membrane (Millipore)		



Storage & Stability:

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

Determination of K_m value for ATP:



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

