

EPHA3

Recombinant Human Eph Receptor A3 Active GST-His

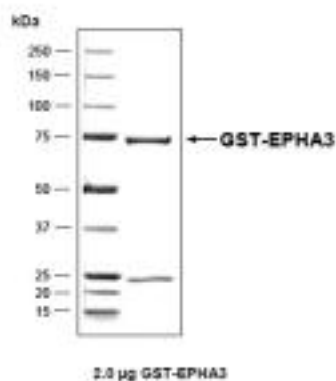
Catalog No.	CRE017	Quantity:	50 µg
Alternate Names:	ETK, ETK1, HEK, HEK4, TYRO4, TYRO4 protein tyrosine kinase, eph-like tyrosine kinase 1, ephrin receptor EphA3, human embryo kinase 1		
Description:	Human EPHA3 Amino acids G ₅₆₉ -V ₉₈₃ (as in GenBank entry NM_005233)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site *Sequence may contain documented polymorphisms Detailed sequence on request.		
Concentration:	0.140 µg/µl		
Gene ID:	2042		
Protein Accession No:	NM_005233		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 75,680 Da		
Formulation:	50 mM Tris-HCl + pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	EPHA3 was confirmed as human EPHA3 by mass spectroscopy LC-ESI-MS/MS		
Specific Activity:	184 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), 1 µg / 50 µl Recombinant EPHA3: 200 ng / 50 µl • Filter binding assay MSFC membrane (Millipore)		



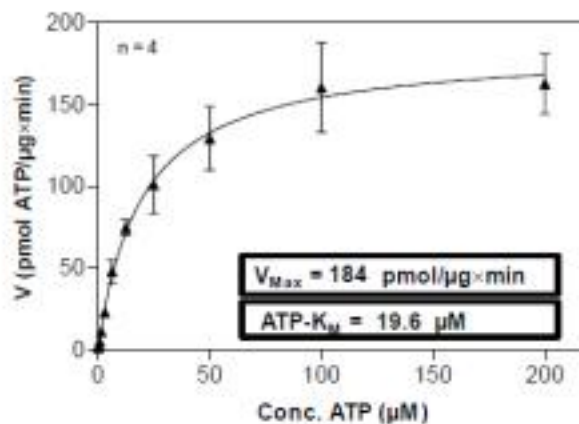
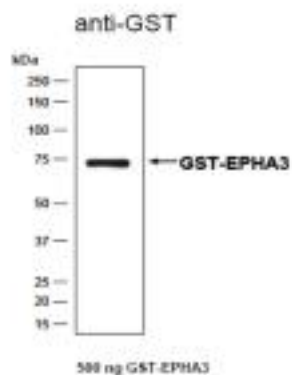
Storage & Stability: Store in working aliquots at -80°C . **Avoid repeated freeze-thaw cycles.**

Determination of K_m value for ATP:

Coomassie stain:



Western blot analysis:



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

