Recombinant Human EPHA2 (N-GST tag)

Cat No:HR2R1356

For research use only

Overview

Quantity	10 ?g
Gene Symbol	EPHA2
Gene ID	N/A
Accession	NM_004431
Alternative Name	ECK
Species	Human
Source	Insect cells
Description	EPHA2 is a member of the ephrin receptor subfamily of protein-tyrosine kinases that bind the ephrin-A ligand and have diverse cellular function. EPHA2 has been shown to be an oncoprotein of importance in a range of cancers. EPHA2 is overexpressed in several human cancer types and promotes malignancy through a mechanism involving RhoA-dependent destabilization of adherens junctions . EPHA2 overexpression induces a FAK-dependent increase in MMP-2 expression and invasiveness and this process that can be reversed by ligation of EPHA2 .
Functions	The specific activity of EPHA2 was determined to be 87 nmol/min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	72
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.