

Recombinant Human HER4 (N-GST tag)

Cat No:HR2R1492

For research use only

Overview

Quantity	10 ?g
Gene Symbol	HER4
Gene ID	N/A
Accession	NM_005235
Alternative Name	ERBB4, MGC138404, p180erbB4
Species	Human
Source	Insect cells
Description	HER4 or ERBB4 is a transmembrane receptor tyrosine kinase that belongs to epidermal growth factor receptor family . Through its interaction with its activating ligand heregulin, HER4 can regulate proliferation and differentiation of cells . HER4 ectodomain is cleaved by a metalloprotease, gamma-secretase that releases the HER4 intracellular domain from the membrane and facilitates its translocation to the nucleus. The kinase activity of HER4 is both necessary and sufficient to trigger an antiproliferative response in human breast cancer cells. Increased expression of HER4 has been detected in various cancers and this usually correlates to better survival.?
Functions	The specific activity of HER4 was determined to be 669 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	57
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.