

Product: EPHB2, active
Catalog #: 02-2072
Amount: 5 µg

DESCRIPTION: EPHB2 is a member of the Eph family of receptor tyrosine kinases that mediate neurodevelopmental processes such as boundary formation, axon guidance, vasculogenesis, and cell migration.
The gene accession number is [NM004442](#)
Gene Aliases: DRT, ERK, Hek5, EPHT3, Tyro5, CAPB, PCBC

SOURCE: Recombinant human EPHB2 (570-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag

MOLECULAR WEIGHT: 66kDa

PURITY: > 90% (by densitometry)

FORM: Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

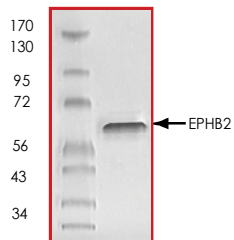
CONCENTRATION: 0.1 mg/ml

SPECIFIC ACTIVITY: 39 nmol/mim/mg

STORAGE: -70°C (aliquot). AVOID repeated Freeze/thaw cycles

REFERENCE:

1. Yu, H.H. et al: Multiple signaling interactions of Abl and Arg kinases with the EphB2 receptor. *Oncogene*. 2001 Jul 5; 20 (30): 3995-4006
2. Nakada, M. et al: The phosphorylation of EphB2 receptor regulates migration and invasion of human glioma cells. *Cancer Res*. 2004 May 1;64(9):3179-85



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