

EPHA2, 27-537aa, Human, His tag, Baculovirus

Cat.NO.: TP02029

3th Edition

Synonyms:Ephrin type-A receptor 2, EPHA2, ARCC2, CTPA, CTPP1, CTRCT6, ECK, AW545284, EC 2.7.10.1, Eck ,Eph receptor A2, EPHA2, EPHA2_HUMAN, Ephrin receptor, Ephrin receptor EphA2.

Description:EPHA2, also known as ephrin type-A receptor 2, is a member of the ephrin receptor subfamily of the protein-tyrosine kinase family. It is implicated as positional labels that may guide the development of neural topographic maps. It has also been found implicated in embryonic patterning, neuronal targeting, vascular development and adult neovascularization. Recombinant human EPHA2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:57.3kDa (520aa), 50-70kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPKEVVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDMPIYMYSVCNVMSGDQDNWLRTNWWVYRGEAERIFIE
LKFTVRDCNSFPGGASSCKETFNLYYAESLDYGTNFQKRLFTKIDTIAPDEITVSSDFEARHVKLNVEERSVGPLTR
KGFYLAFQDIGACVALLSVRVYYKKCEPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAVVPPGGEEPRMHCAVDG
EWLVPIGQCLCQAGYEKVEDACQACSPGFFKFEASESPCLECPEHTLPSPEGATSCCEEGFFRAPQDPASMPCT
RPPSAPHYLTAVGMGAKVELRWTPPQDSGGREDIVYSVTCEQCWPESGECGPCEASVRYSEPPHGLTRTSVTVS
DLEPHMNYTFTVEARNGVSGLVTSRFSRTASVSINQTEPPKVRLEGRSTTSLSVSWSIPPPQQSRVWKYEVTYRKK
GDSNSYNVRTEGFSVTLDDLAPDTTYLVQVQALTQEGQGAGSKVHEFQTLSPEGSGNLAVHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.