

Recombinant Human EPHA1 Protein

Catalog #	Source	Reactivity	Applications
CRP2694	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human EPHA1 Protein is produced by mammalian expression system and the target gene encoding Lys26-Glu547 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	EPHA1
Alternative Names	EPH; EPHT; EPHT1; Ephrin type-A receptor 1; hEpha1; EPH tyrosine kinase; EPH tyrosine kinase 1; Erythropoietin-producing hepatoma receptor; Tyrosine-protein kinase receptor EPH
Entrez Gene	2041 (Human)
SwissProt	P21709 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	KEVTLMDTSK AQGELGWLLD PPKDGWSEQQ QILNGTPLYM YQDCPMQGRR DTDHWLRSNW IYRGEEASRV HVELQFTVRD CKSFPGGAGP LGCKETFNLL YMESDQDVGI QLRRPLFQKV TTVAADQSFT IRDLASGSVK LNVERCSLGR LTRRGLYLAF HNPACVALV SVRVFYQRCP ETLNGLAQFP DTLPGPAGLV EVAGTCLPHA RASPRPSGAP RMHCSPDGEW LVPVGRCHCE PGYEEGSGE ACVACPSGSY RMDMDTPHCL TCPQQSTAES EGATICCTCES GHYRAPGEGP QVACTGPPSA PRNLSFSASG TQLSLRWEPP ADTGGRQDVR YSVRCSQCQG TAQDGGPCQP CGVGVHFSPG ARGLTTPAVH VNGLEPYANY TFNVEAQNGV SGLGSSGHAS TSVSISMGHA ESLSGLSLRL VKKEPRQLEL TWAGSRPRSP GANLTYELHV LNQDEERYQM VLEPRVLLTE LQPDTTYIVR VRMLTPLGPG PFSPDHEFRT SPPVSRGLTG GEHHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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