

Recombinant Human EPHA4 Protein

Catalog #	Source	Reactivity	Applications
CRP1489	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human EPHA4 Protein is produced by our mammalian expression system and the target gene encoding Val20-Thr547 is expressed.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	EPHA4		
Alternative Names	HEK8; SEK; TYRO1; Ephrin type-A receptor 4; EPH-like kinase 8; EK8; hEK8; Tyrosine-protein kinase TYRO1; Tyrosine-protein kinase receptor SEK		
Entrez Gene	2043 (Human)		
SwissProt	P54764 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	VTGSRVYPAN EVTLLDSRSV QGELGWIASP LEGGWEEVSI MDEKNTPIRT YQVCNVMEPS QNNWLRTDWI TREGAQRVYI EIKFTLRDCN SLPGVMTGCK ETFNLYYYES DNDKERFIRE NQFVKIDTIA ADESFTQVDI GDRIMKLNTE IRDVGPLSKK GFYLAFQDVG ACIALVSVRV FYKKCPLTVR NLAQFPDTIT GADTSSLVEV RGSCVNNSEE KDVPKMYCGA DGEWLVPIGN CLCNAGHEER SGECQACKIG YYKALSTDAT CAKCPPHSYS VWEGATSCTC DRGFFRADND AASMPCTRPP SAPLNLISNV NETSVNLEWS SPQNTGGRQD ISYNNVCKKC GAGDPSKCRP CGSGVHYTPQ QNGLKTTKVS ITDLLAHTNY TFEIWA VNGV SKYNPNPDQS VSVTVTTNQA APSSIALVQA KEVTRYSVAL AWLEPDRPNG VILEYEVKYY EKDQNERSYR IVRTAARNTD IKGLNPLTSY VFHVRARTAA GYGDFSEPLE VTTNTVPSRI IGDGANSTEN LYFQ		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
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		
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

lyophilized protein in 1X PBS. 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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