

Recombinant Human EPHA2 Protein

Catalog #	Source	Reactivity	Applications
CRP2695	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human EPHA2 Protein is produced by mammalian expression system and the target gene encoding Ala24-Asn534 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	EPHA2
Alternative Names	ECK; Ephrin type-A receptor 2; Epithelial cell kinase; Tyrosine-protein kinase receptor ECK
Entrez Gene	1969 (Human)
SwissProt	P29317 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	AQGKEVLLD FAAAGGELGW LTHPYGKGWD LMQNIMNDMP IYMYSVCNVM SGDQDNWLRT NWVYRGEAER IFIELKFTVR DCNSFPGGAS SCKETFNLYY AESDLDYGTN FQKRLFTKID TIAPDEITVS SDFEARHVKL NVEERSVGPL TRKGFYLAFAQ DIGACVALLS VRVYYKKCPE LLQGLAHFPE TIAGSDAPSL ATVAGTCVDH AVVPPGGEEP RMHCAVDGEW LVPIGQCLCQ AGYEKVEDAC QACSPGFFKF EASESPCLEC PEHTLPSPEG ATSCECEEGF FRAPQDPASM PCTRPPSAPH YLTAVGMGAK VELRWTPPQD SGGREDIVYS VTCEQCWPES GECGPCEASV RYSEPPHGLT RTSVTVSDLE PHMNYTFTVE ARNGVSGLVT SRSFRTASVS INQTEPPKVR LEGRSTTSLVSWSIPPPQQ SRVWKYEVTY RKKGDSNSYN VRRTEGFSVT LDDLAPDTTY LVQVQALTQE GQGAGSKVHE FQTLSPGSG NDIEGRMDPK SCDKTHTCP CPAPPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV

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

YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS
KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK

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 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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