

## Recombinant Human Ephrin A4 Protein

Catalog #	Source	Reactivity	Applications
CRP2697	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human Ephrin A4 Protein is produced by mammalian expression system and the target gene encoding Leu26-Gly171 is expressed with a Fc, 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Gene Symbol** EFNA4

**Alternative Names** EPLG4; LERK4; Ephrin-A4; EPH-related receptor tyrosine kinase ligand 4; LERK-4

**Entrez Gene** 1945 (Human)

**SwissProt** P52798 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** LRHVVYWNSS NPRLLRGDAV VELGLNDYLD IVCPHYEGPG PPEGPETFAL YMVDWPGYES CQAEGPRAYK RWVCSLPFGH VQFSEKIQRFP TPFSLGFEFL PGETYYYISV PTPESSGQCL RLQVSVCKE RKSESAHPVG SPGESGVDDI EGRMDEPKSC DKHTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH

**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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**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

## 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.

**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

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