



Recombinant Human Ephrin type-A receptor 2 (EPHA2), partial (Active)

Product Code	CSB-AP005591HU
Uniprot No.	P29317
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered 1xPBS, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to bind Human Ephrin-A1 in functional ELISA is less than 25 ug/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	AQGKEVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDMPIYMYSCNVMS GDQDNWLR TNWVYRGEAERIFI ELKFTVRDCNSFPGGASSCKETFNLYAES DLDYGTNFQKRLFTKIDTIAPDEITVSSDFEARHVKLNVEERSVGPLTRKGFYLA FQDIGACVALLSVRVYYKKCPPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAV VPPGGEEPRMHCAVDGEWLVPIGQCLCQAGYEKVEDACQACSPGFFKFEAS ESPCLECPEHTLPSPEGATSCECEEGFFRAPQDPASMPCTRPPSAPHYLTAV GMGAKVELRWTPPQDSGGREDIVYSVTCEQCWPESGECGPCEASVRYSEPP HGLTRTSVTVSDLEPHMNYTFTVEARNGVSGLVTSRSFRTASVSINQTEPPKV RLEGRSTTSLSVSWSIPPPQQSRVWKYEVTYRKKGDSNSYNVRRTEGFSVTL DDLAPDTTYLVQVQALTQEGQGAGSKVHEFQTLSPGSGN
Research Area	Signal Transduction
Source	Mammalian cell
Target Names	EPHA2
Expression Region	24-534aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc-tagged
Mol. Weight	83 kDa
Protein Length	Partial
Endotoxin	Less than 1.0 EU/ μ g as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.