



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

<b>Product Code</b>	CSB-AP005591HU
<b>Uniprot No.</b>	P29317
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered 1xPBS, pH 7.4
<b>Product Type</b>	Other
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	The ED50 as determined by its ability to bind Human Ephrin-A1 in functional ELISA is less than 25 ug/ml.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	AQGKEVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDMPIYMYSVCNVMS GDQDNWLRTNWVYRGEAERIFIELKFTVRDCNSFPGGASSCKETFNLYAES DLDYGTNFQKRLFTKIDTIAPDEITVSSDFEARHVKLNVEERSVGPLTRKGFYLA FQDIGACVALLSVRVYYKKCPPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAV VPPGGEEPMMHCAVDGEWLVPIGQCLCQAGYEKVEDACQACSPGFFKFEAS ESPCLECPEHTLPSPEGATSCECEEGFFRAPQDPASMPCTRPPSAPHYLTAV GMGAKVELRWTPPQDSGGREDIVYSVTCEQCWPESGECGPCEASVRYSEPP HGLTRTSVTVSDLEPHMNYTFTVEARNGVSGLVTSRSFRTASVSINQTEPPKV RLEGRSTTSLSVSWSIPPPQQSRVWKYEVTYRKKGDSNSYNVRRTEGFSVTL DDLAPDTTYLVQVQALTQEGQGAGSKVHEFQTLSPGSGN
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Mammalian cell
<b>Target Names</b>	EPHA2
<b>Expression Region</b>	24-534aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal hFc-tagged
<b>Mol. Weight</b>	83 kDa
<b>Protein Length</b>	Partial
<b>Endotoxin</b>	Less than 1.0 EU/μg as determined by LAL method.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.