PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Expression Host	HEK293
Target	ACKR4
Synonyms	CC-CKR-11, CCBP2, CCR-11, CCR10, CCR11, CCRL1, CCX CKR, CCX-CKR, CKR-11, PPR1, VSHK1
Description	Human ACKR4-Strep full length protein-synthetic nanodisc
Uniprot ID	Q9NPB9
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class A Rhodopsin-like,Chemokines,Chemokine and Receptor,
Molecular Weight	The human full length ACKR4-Strep protein has a MW of 39.9 kDa
Delivery	6~8weeks
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a member of the G protein-coupled receptor family, and is a receptor for C-C type chemokines. This receptor has been shown to bind dendritic cell- and T cell-activated chemokines including CCL19/ELC, CCL21/SLC, and CCL25/TECK. A pseudogene of this gene is found on chromosome 6. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2013]
Usage	Research use only
Conjugate	Unconjugated

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