

Human Vascular Endothelial Growth Factor receptor-2 Fc Chimera (VEGFR2 Fc) Enzyme

Catalogue No.: abx073669

Human Vascular Endothelial Growth Factor receptor-2 Fc Chimera Protein is a recombinant protein kinase expressed in Insect cells.

Target:	Vascular Endothelial Growth Factor receptor-2 Fc Chimera (VEGFR2 Fc)
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	Insect
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Form:	Lyophilized
Purity:	> 90% (SDS-PAGE)
Purification:	Purified by proprietary chromatographic techniques.
Reconstitution:	Reconstitute in sterile water to a concentration of at least 50 µg/ml. This stock solution can be further diluted if required.
Storage:	Store dessicated at -20 °C for long-term storage. Upon reconstitution, store at 4 °C for up to 7 days and store below -18 °C for long-term storage. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.
Validity:	Stable at room temperature for up to 3 weeks.
UniProt Primary AC:	P35968 (UniProt , ExPASy)
KEGG:	hsa:3791
String:	9606.ENSP00000263923
Enzyme Commission Number:	EC:2.7.10.1
Molecular Weight:	145 kDa

Datasheet

Version: 5.0.0
Revision date: 28 Mar 2025



Sequence Fragment:	968 AA. The soluble receptor protein contains only the first 7 extracellular domains, which is sufficient for ligand binding.
Sequence:	ASVGLPSVSL DLPRLSIQKD ILTIKANTTL QITCRGQRDL DWLWPNNQSG SEQRVEVTEC SDGLFCKTL T IPKVIGNDTG AYKCFYRETD LASVIYVYVQ DYRSPFIASV SDQHGVVYIT ENKNKTVVIP CLGSISN LNV SLCARYPEKR FVPDGNRISW DSKKGFTIPS YMISYAGMVF CEAKINDESY QSIMYIVVVV GYRIY DVVLS PSHGIELSVG EKLVLNCTAR TELNVGIDFN WEYPSSKHQH KKLVNRLDKT QSGSEMKKFL STL TIDGVTR SDQGLYTCAA SSGLMTKKNS TFVRVHEKPF VAFGSGMESL VEATVGERVR IPAKYLGYP P EIKWYKNGI PLESNHTIKA GHVLTIMEVS ERDTGNYTVI LTNPISKEKQ SHVVS LVVYV PPQIGEKSLI SPVDSYQYGT TQTLTCTVYA IPPPHHHWY WQLEEEECANE PSQAVSVTNP YPCEEWRSVE DFQGGNKI EV NKNQFALIEG KNKTVSTLVI QAANVSALYK CEAVNKVGRG ERVISFHVTR GPEITLQPDM QPTEQE SVSL WCTADRSTFE NLTWYKLGPO PLPIHVGELP TPVCKNLDL WKLNATMFSN STNDILIMEL KNAS LQDQGD YVCLAQDRKT KKRHCVVRQL TVLERVAPTI TGNLENQTTS IGESIEVSCT ASGNPPP QIM WFKDNETLVE DSGIVLKDGN RNLTI RVRK EDEGLYTCQA CSVLGCAKVE AFFIIEGANA SDKTH TCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPR EEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT K NQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPMLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGK
Tag:	Recombinant Human Soluble VEGFR2 is fused with the Fc domain of Human IgG1.
Buffer:	Prior to lyophilization: 1X PBS, pH 7.2.
Biological Activity:	Inhibits the VEGF-dependent proliferation of Human umbilical vein endothelial cells.
Concentration:	Prior to lyophilization: 1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.