

KIT Proto-Oncogene Receptor Tyrosine Human Recombinant

Item Number	rAP-1711
Synonyms	Mast/stem cell growth factor receptor Kit, SCFR, Piebald trait protein, PBT, Proto-oncogene c-Kit, Tyrosine-protein kinase Kit, p145 c-kit, v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog, CD117.
Description	KIT produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 507 amino acids (26-524 a.a.) and having a molecular mass of 57.1kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).KIT is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary
Uniprot Accession Number	P10721
Amino Acid Sequence	QPSVSPGEPSPPSIHPGKSDLIVRVGDEIRLLCTDPGFVKWTFEILDETNENKQNEWITEKAEATNTGKY TCTNKHGLSN SIYVFVRDPA KLFLVDRSLY GKEDNDTLVR CPLTDPEVTN YSLKGCQGKP LPKDLRFIPD PKAGIMIKSV KRAYHRLCLH CSVDQEGKSV LSEKILKVR PAFKAVPVVS VSKASYLLRE GEEFTVTCTI KDVSSSVYST WKRENSQTKL QEKYNSWHHG DFNYERQATL TISSARVNSD GVFMCY- ANNT FGSANVTTL EVVDKGFINI FPMINTTVFV NDGENVDLIV EYEAFPKPEH QQWIYMNRTF TDKWEDYPKS ENESNIRYVS ELHLTRLKGT EGGTYFLVS NSDVNAAIAF NVYVNTKPEI LTYDRLVNGM LQCVAAGFPE PTIDWYFCPG TEQRCSASVL PVDVQTLNSS GPPFGKLVVQ SSIDSSAFKH NGTVECKAYN DVGKTSAYFN FAFKGNNKEQ IHPHTLFTPL EHHHHHHH.
Source	Sf9, Baculovirus.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	KIT protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**