

Product Data Sheet

Recombinant Human c-Kit Protein

Catalog #	Source	Reactivity	Applications
CST2275	E. coli	H	
Description	Recombinant Human c-Kit Protein is produced by E. coli expression system and the target gene encoding Pro31-Phe200 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	KIT		
Alternative Names	SCFR; 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		
Entrez Gene	3815		
SwissProt	P10721		
Purity			
Chemical Structure	PGEPSPPSIH PGKSDLIVRV GDEIRLLCTD PGFVKWTFEI LDETNNENKQN EWITEKAEAT NTGKYTCTNK HGLSNSIYVF VRDPAKLFLV DRSLYGKEDN DTLVRCPLTD PEVTNYSCLKG CQGKPLPKDL RFIPDPKAGI MIKSVKRAYH RLCLHCSVDQ EGKSVLSEKF		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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