

Product Data Sheet

Recombinant Human Hamartin Protein

Catalog #	Source	Reactivity	Applications
CST2162	E. coli	H	
Description	Recombinant Human Hamartin Protein is produced by E. coli expression system and the target gene encoding Glu731-Ser1040 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	TSC1		
Alternative Names	KIAA0243; TSC; Hamartin; Tuberous sclerosis 1 protein		
Entrez Gene	7248		
SwissProt	Q92574		
Purity			
Chemical Structure	EHNAAMKDQL KLQEKDIQMW KVS LQKEQAR YNQLQEQRDT MVT KLHSQIR QLQHDREEFY NQSQELQTKL EDCRNMIAEL RIELKKANNK VCHTELLLSQ VSQKLSNSES VQQQMEFLNR QLLVLGEVNE LYLEQLQNKH SDTTKEVEMM KAAYRKELEK NRSHVLQQTQ RLDT SQKRIL ELES HLAKKD HLLLEQKKYL EDVKLQARGQ LQAAESRYEA QKRITQVFEL EI		
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

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