

Product Data Sheet

Recombinant Human BIG-2 Protein

Catalog #	Source	Reactivity	Applications
CST1860	E. coli	H	
Description	Recombinant Human BIG-2 Protein is produced by E. coli expression system and the target gene encoding Gly221-Glu690 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CNTN4		
Alternative Names	Contactin-4; Brain-derived immunoglobulin superfamily protein 2; BIG-2		
Entrez Gene	152330		
SwissProt	Q8IWW2		
Purity			
Chemical Structure	GEYEPKIEVQ FPETVPTAKG ATVKLECFAL GNPVPTIIWR RADGKPIARK ARRHKSNGIL EIPNFQQEDA GLYECVAENS RGKNVARGQL TFYAQPNWIQ KINDIHVAME ENVFWECKAN GRPKPTYKWL KNGEPLLTRD RIQIEQGTLN ITIVNLS DAG MYQCLAENKH GVIFSNAELS VIAVGPDFSR TLLKRVTLVK VGGEVVIECK PKASPKPVYT WKKGRDILKE NE		
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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