

Product Data Sheet

Recombinant Human IGSF8 Protein

Catalog #	Source	Reactivity	Applications
CRP1727	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human IGSF8 Protein is produced by our mammalian expression system and the target gene encoding Arg28-Thr579 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	IGSF8		
Alternative Names	CD81P3; EWI2; KCT4; Immunoglobulin superfamily member 8; IgSF8; CD81 partner 3; Glu-Trp-Ile EWI motif-containing protein 2; EWI-2; Keratinocytes-associated transmembrane protein 4; KCT-4; LIR-D1; Prostaglandin regulatory-like protein; PGRL; CD316		
Entrez Gene	93185 (Human)		
SwissProt	Q969P0 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	REVLVPEGPL YRVAGTAVSI SCNVTGYEGP AQQNFEWFLY RPEAPDTALG IVSTKDTQFS YAVFKSRVVA GEVQVQRLQG DAVVLKIARL QAQDAGIYEC HTPSTDTRYL GSYSGKVELR VLPDVLQVSA APPGPRGRQA PTSPPRMTVH EGQELALGCL ARTSTQKHTH LAVSFGRSVP EAPVGRSTLQ EVVGIRSDLA VEAGAPYAER LAAGELRLGK EGTDRYRMVV GGAQAGDAGT YHCTAAEWIQ DPDGSWAQIA EKRAVLAVHD VQTLSSQLAV TVGPGERRIG PGEPLLELCN VSGALPPAGR HAAYSVGWEM APAGAPGPGR LVAQLDTEGV GSLGPGYEGR HIAMEKVASR TYRLRLEAAR PGDAGTYRCL AKAYVRGSGT RLREAASARS RPLPVHVREE GVVLEAVAWL AGGTVYRGET ASLLCNISVR GGPPGLRLAA SWWVERPEDG ELSSVPAQLV GGVGQDGVAE LGVRPGGGPV SVELVGPRSH RLRLHSLGPE DEGVYHCAPS AWWQHADYSW YQAGSARSGP		

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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VTVYPYMHAL DTVDHHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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