

Recombinant Human CD316

Catalog No: C948

Description	Recombinant Human Immunoglobulin Superfamily Member 8 is produced by our Mammalian expression system and the target gene encoding Arg28-Thr579 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	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; IGSF8; CD81P3; EWI2; KCT4
Accession No.	Q969P0
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.2.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Amino Acid Sequence	<p>REVLVPEGPLYRVAGTAVSISCNVTGYEGPAQQNFEWFLYRPEAPDTALGIVSTKDTQFSYAVFKSRVVAG EVQVQRLQGDAVVLKIARLQAQDAGIYECHTPSTDTRYLGSSYSGKVELRVLDPVLQVSAAPPGPRGRQAPT SPPRMTVHEGQELALGCLARTSTQKHTHLAVSFGRSVPEAPVGRSTLQEVVGIRSDLAVEAGAPYAERLAA GELRLGKEGTDYRMVVGGAQAGDAGTYHCTAAEWIQDPDGSWAQIAEKRAVLAVHDVQTLSSQLAVTV GPGERRIGPGEPLLELLCNVSGALPPAGRHAAYSVGWEMAPAGAPGPGRLVAQLDTEGVGSLGPGYEGRH IAMEKVASRTYRLRLAARPGDAGTYRCLAKAYVRGSGTRLREAASARSRLPVHVREEGVVLEAVAWLA GGTVYRGETASLLCNISVRGGPPGLRLAASWWWVERPEDGELSSVPAQLVGGVGQDGVAEELGVRPGGGPV SVELVGPRSHRLRLHSLGPEDEGVYHCAPSAWWQHADYSWYQAGSARSGPVTVPYPMHALDTPVDHHHH HH</p> <p>Immunoglobulin Superfamily Member 8 (IGSF8) is a single-pass membrane protein. IGSF8 contains four Ig-like C2 type domains. The Ig-like C2-type domains 3 and 4 are required for interactions with CD81. IGSF8 may regulate proliferation and differentiation of keratinocytes. IGSF8 may participate in the regulation of neurite outgrowth and maintenance of the neural network in the adult brain. It also may play a role on integrin- dependent morphology and motility functions.</p>
Background	

