Recombinant Human ADGRE5 Protein (His Tag)

RPES8294

Product Information

Product SKU:	RPES8294	**Expression Host**:	Mammalian	**Size**:	20µg
Tag:	C-His	**Reactivity**:	Human	**Accession**:	P48960

Additional Information

Calculated MW:	55.9 kDa	**Observed MW:**	80-100 kDa
Sequence:	Gln21-Leu530		

Protein Information

Background: This gene encodes a member of the EGF-TM7 subfamily of adhesion G protein-coupled receptors, which mediate cell-cell interactions. These proteins are cleaved by self-catalytic proteolysis into a large extracellular subunit and seven-span transmembrane subunit, which associate at the cell surface as a receptor complex. The encoded protein may play a role in cell adhesion as well as leukocyte recruitment, activation and migration, and contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Expression of this gene may play a role in the progression of several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms with an 3 to 5 EGF-like repeats have been observed for this gene. This gene is found in a cluster with an other EGF-TM7 genes on the short arm of chromosome 19.

Synonyms: ADGRE5, Adhesion G protein-coupled receptor E5, CD 97, CD_antigen=CD97, CD97, CD97 antigen, CD97 antigen subunit beta, CD97 molecule, CD97, Leukocyte antigen CD97, Seven span transmembrane protein, Seven transmembrane helix receptor, Seven transmembrane heterodimeric receptor associated with inflammation, TM7LN 1, TM7LN1

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Contact Details | Dublin, Ireland
Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Contact Details | Dublin, Ireland
Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com