

Recombinant Human GPR77 Protein

Cat. No. GPR77-5263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR77 full-length ORF (NP_060955.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	The anaphylatoxins C3a (see MIM 120700), C4a (see MIM 120810), and C5a are cationic fragments generated during the complement cascade that participate in host defense. In the case of inappropriate complement activation, anaphylatoxins may be involved in autoimmunity and sepsis. C5L2 is coexpressed with the C5a receptor, C5AR (C5R1; MIM 113995), on polymorphonuclear neutrophils and may modulate C5AR activity (Gerard et al., 2005 [PubMed 16204243]).[supplied by OMIM]
Form	Liquid
Molecular Mass	36.1 kDa
AA Sequence	MGNDSVSYEYGDYSDLSDRPVDCLDGACLAIDPLRVAPLPLYAAIFLVGVPGNAMVA WVAGKVARRRRVGATWLLHLAVADLLCCLSLPILAVPIARGGHWPYGAVGCRLPSII LLTMYASVLLLAALSADLCFLALGPAWWSTVQRACGVQVACGAAWTLALLLTVP SAIYRRLHQEHFPARLQCVVDYGGSSSTENAVTAIRFLFGFLGPLVAVASCHSALLCWA ARRCRPLGTAIVVGFFVCWAPYHLLGLVLTVAAPNSALLARALRAEPLIVGLALAHSC LNPMLFLYFGRAQLRRSLPAACHWALRESQGQDESVDSKKSTSHDLVSEMEV
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	GPR77 G protein-coupled receptor 77 [Homo sapiens]
Official Symbol	GPR77
Synonyms	GPR77; G protein-coupled receptor 77; C5a anaphylatoxin chemotactic receptor C5L2; C5L2; G-protein coupled receptor 77; G protein-coupled receptor C5L2; GPF77;
Gene ID	27202
mRNA Refseq	NM_018485
Protein Refseq	NP_060955
MIM	609949
UniProt ID	Q9P296

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