Recombinant Rat Clec2d protein(Lys98-Leu233), hFc-tagged

Cat. No. Clec2d-547R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CLEC2D (NP_569086.1) (Lys98-Leu233) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Lys98-Leu233
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CLEC2D comprises 396 amino acids and predicts a molecular mass of 44 kDa. The apparent molecular mass of the recombinant protein is approximately 44-54 and 36 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Clec2d C-type lectin domain family 2, member D [Rattus norvegicus]
Official Symbol	Clec2d
Synonyms	CLEC2D; C-type lectin domain family 2, member D; C-type lectin domain family 2 member D5; osteoclast inhibitory lectin; Ocil; Clec2d5;
Gene ID	113937
mRNA Refseq	NM_130402
Protein Refseq	NP_569086

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