

For Research Use Only

Recombinant Mouse IL-20 protein (rFc Tag)



Catalog Number: Eg2797

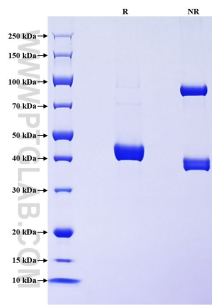
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse IL-20 protein Leu25-Leu176 (Accession# Q9JKV9) with a rabbit IgG Fc tag at the C-terminus. GeneID: 58181 Accession: Q9JKV9 Predicted Molecular Mass: 43.6 kDa SDS-PAGE: 39-48 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	As a member of the IL-10 family, IL-20 functions as a proinflammatory cytokine by binding to its complex receptors (IL-20R1/IL-20R2 and IL-20R2/IL-22R1) on target cells. Excessive IL-20 expression is associated with chronic inflammatory diseases, such as rheumatoid arthritis and osteoporosis.		
References	1. Wang HH. et al. (2022). J Biomed Sci. 29(1):36. 2. Hsu YH. et al. (2011). J Exp Med. 208(9):1849-1861. 3. Hsu YH. et al. (2017). Drug Discov Today. 22(6):960-964.		
Synonyms	IL-20, Interleukin-20, Zcyto10		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Mouse IL-20 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.