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DATA SHEET

Leukocyte Cell-Derived Chemotaxin 2 Human Recombinant

Item Number	rAP-3534
Synonyms	Leukocyte Cell-Derived Chemotaxin 2, Leukocyte Cell-Derived Chemotaxin-2, Chondromodulin-II, Chm-II, LECT-2, HLECT2, Chm2, LECT2.
Description	LECT2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Gly19-Leu151) containing 143 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 16kDa.
Uniprot Accesion Number	O14960
Amino Acid Sequence	MKHHHHHHASGPWANICAGK SSNEIRTCDR HGCGQYSAQR SQRPHQGVDI LCSAGSTVYA PFT-GMIVGQE KPYQNKNAIN NGVRISGRGF CVKMFYIKPI KYKGPIKKGE KLGTLLPLQK VYPGIQSHVH IENCDSSDPT AYL.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	LECT2 was filtered (0.4 μm) and lyophilized in 20mM Tris buffer, 50mM NaCl & pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200μl of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. LECT2 is not sterile! Please filter the product by an appropriate sterile filter before usi
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only