



IL2 with IL2RA Protein Crystal

Catalog: CBCRY33

PRODUCT INFORMATION

Product Name	IL2 with IL2RA Protein Crystal
Catalog Number	CBCRY33
Fragment	Extracellular domain
Protein Description	Interleukin-2 complexed with IL2 alpha Receptor
Background	Interleukin-2 (IL-2) is an immunoregulatory cytokine that binds sequentially to the alpha (IL-2Ralpha), beta (IL-2Rbeta), and common gamma chain (gammac) receptor subunits.
Protein Classification	Immune System
Structure Weight	40207.9 Da
PDBID	1Z92
Method	X-Ray Diffraction
Resolution	2.80 Å
Reference	Rickert, M., Wang, X., Boulanger, M.J., Goriatcheva, N., Garcia, K.C. (2005) The structure of interleukin-2 complexed with its alpha receptor. Science 308: 1477-1480
cDNALength	399 (IL2) 657 (IL2RA)

USAGE GUIDELINES

General Handling

Avoid excessive mixing or vortexing to prevent aggregation.
Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.



Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.