

DATA SHEET**Recombinant Human IL-1 β /IL-1F2****Code Number#KT-201-LB-005**

Source:	E. coli-derived human IL-1 beta/IL-1F2 protein
N-terminal Sequence: Analysis	Ala117 & Pro118
Predicted Molecular: Mass	17 kDa
SDS-PAGE:	17 kDa, reducing conditions
Activity:	<p>Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272. The ED50 for this effect is <12 pg/mL.</p> <p>The specific activity of recombinant human IL-1β is approximately 1.4 x 10⁵ IU/μg, which is calibrated against recombinant human IL-1β WHO International Standard (NIBSC code: 86/680).</p>
Endotoxin Level:	<0.10 EU per 1 μ g of the protein by the LAL method.
Purity:	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Formulation:	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. *1 mg pack size (01M) is supplied as a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.
Reconstitution:	Reconstitute at 50-200 μ g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

For In-Vitro Diagnostic Use only. Not for human or animal consumption.