

DATA SHEET**Recombinant Human IL23****Code Number#KT1290-IL06**

Source:	Spodoptera frugiperda, Sf 21 (baculovirus)-derived human IL-23 protein
N-terminal Sequence: Analysis	Ile23 (IL-23 single chain & p40) & Ala21 (p19)
Predicted Molecular: Mass	55.0 kDa (IL-23 single chain); 36.5 kDa (p40) & 18.5 kDa (p19)
SDS-PAGE:	65 kDa, 43-45 kDa and 20 kDa, reducing conditions
Activity:	Measured by its ability to induce IL-17 secretion by mouse splenocytes. Aggarwal, S. et al. (2003) J. Biol. Chem. 278:1910. The ED50 for this effect is 0.05-0.3 ng/mL.
Endotoxin Level:	<1.0 EU per 1 µg of the protein by the LAL method.
Purity:	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Formulation:	Lyophilized from a 0.2 µm filtered solution in MES, NaCl and EDTA with BSA as a carrier protein. See Certificate of Analysis for details.
Reconstitution:	Reconstitute at 10 µg/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.