

PRODUCT INFORMATION

**IL-38 (Interleukin-38), Mouse**

v. 231101

<b>Catalog number</b>	C02041-5UG / C02041-20UG / C02041-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	IL-38 expresses in the fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B cells of the tonsil. IL-38 can bind soluble IL-1 receptor type 1 and may be involved in the regulation of adapted and innate immune responses.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MCSLPMARYYIIKDAHQKALYTRNGQLLLGDPDSDNYSPEKVCILPNRGLDRSK VPIFLGMQGGSCCLACVKTRREGPLLQLEDVNIEDLYKGGEQTTRFTFFQRLGS AFRLEAAACPGWFLCGPAEPQQPVQLTKESEPSTHTEFYFEMSR with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>• -20°C for 12 months in lyophilized state from date of receipt.</li> <li>• -20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant mouse IL-38

*For Research Use Only.*