

# Recombinant Human Lipocalin-2/NGAL/LCN2 Protein

RPCB0162



## Product Information

<b>Product SKU:</b>	RPCB0162	<b>Gene ID:</b>	3934	<b>Size:</b>	50µg
<b>Tag:</b>	No tag	<b>Reactivity:</b>	Human		

## Additional Information

<b>Expression Host:</b>	Baculovirus-Infected Sf9 Cells	<b>Swissprot:</b>	P80188
<b>Purity:</b>	> 97% by SDS-PAGE.		

## Protein Information

**Background:** Lipocalin-2 (LCN2), also known as neutrophil gelatinase-associated lipocalin (NGAL), is a 25 kDa protein belonging to the lipocalin superfamily. Members of this family transport small hydrophobic molecules such as lipids, steroid hormones and retinoids. The protein is a neutrophil gelatinase-associated lipocalin and plays a role in innate immunity by limiting bacterial growth as a result of sequestering iron-containing siderophores. The presence of this protein in blood and urine is an early biomarker of acute kidney injury. This protein is thought to be involved in multiple cellular processes, including maintenance of skin homeostasis, and suppression of invasiveness and metastasis. Mice lacking this gene are more susceptible to bacterial infection than wild type mice.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Lipocalin-2/NGAL/LCN2 Protein, tested reactivity in Baculovirus-Infected Sf9 Cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1.0 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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**Storage:**

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.