

## Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2 Rat Recombi-

<b>Item Number</b>	rAP-1273
<b>Synonyms</b>	Neutrophil gelatinase-associated lipocalin, NGAL, Alpha-2-microglobulin-related protein, Alpha-2U globulin-related protein, Lipocalin-2, Siderocalin LCN2, p25.
<b>Description</b>	LCN2 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (21-198 a.a) and having a molecular mass of 22.9kDa.
<b>Uniprot Accesion Number</b>	P30152
<b>Amino Acid Sequence</b>	MGSSHHHHH SSSLVPRGSH MGSQDSTQNL IPAPPLISVP LQPGFWTERF QGRWFVVGLA ANAV-QKERQS RFTMYSTIYE LQEDNSYNVT SILVRGQGCR YWIRTFVPSS RPGQFTLGNI HSYPQIQSYD VQVADTDYDQ FAMVFFQKTS ENKQYFKVTL YGRTKGLSDE LKERFVSFAK  SLGLKDNIV FSVPTDQCID N.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	LCN2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 20% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**