



DataSheet

CATALOGUE #: 8NL2

PRODUCT NAME: Neutrophil gelatinase-associated lipocalin (NGAL), human, recombinant

Source: Expressed in a mammalian cell line

Description: Synthetic DNA fragment encoding amino acids 21-198 of human NGAL (Accession number UniProtKB P80188, NGAL_HUMAN) was used for recombinant protein expression.

Contains C-terminal Gly4SerHis6 tag.

Theoretical molecular weight 21 515 Da.

Theoretical pI 9.0.

Applications: Calibrator and standard preparation, NGAL biochemical and immunochemical studies.

Analysis: Purity >90%

Concentration is determined spectrophotometrically at A280.

Purification: Metal affinity chromatography

Presentation: Lyophilized from 20 mM Tris-HCl buffer, pH 7.5, containing 0.15 M NaCl and 0.1% CHAPS.

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)

Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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