

Recombinant Rat Lipocalin-2 Protein(GST Tag)

RPES9385

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES9385

Purity: > 95% as determined by reducing SDS-PAGE.

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Rat

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Synonyms: 24p, LCN, Oncogene 24p, NGALLipocalin, 25 kDa alpha-2-microglobulin-related subunit of MMP, MSFI, 24p3, HNL, LCN2, Lipocalin-2, NGAL, NGALLipocalin-2, p25, Siderocalin, Uterocalin, Lipocalin2, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, lipocalin 2 (oncogene 24p3), lipocalin 2, migration-stimulating factor inhibitor, neutrophil gelatinase-associated lipocalin, Oncogene 24p3, 25 kDa alpha 2 microglobulin related subunit of MMP9, Alpha 2 microglobulin related protein, HGNC:6526, Lcn 2, Migration stimulating factor inhibitor, Neutrophil Gelatinase Associated Lipocalin, siderocalin LCN2, SV40 induced 24P3 protein

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: N-GST

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 45.6 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 50 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P30152

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: E.coli-derived Rat Lipocalin-2 protein Gln21-Asn198, with an N-terminal GST

Sequence: Gln21-Asn198

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder