

RPPB4063

Product Information Protein Information

Product SKU:

RPPB4063

Accession:

P02788

Host:

Human seminal plasma.

Protein description:

The Human Lactoferrin produced from pooled Human seminal plasma has a molecular mass of 76.165kDa (calculated without glycosylation) containing 691 amino acid residues.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Lactotransferrin, Lactoferrin, Growth-inhibiting protein 12, Talalactoferrin, LTF, GIG12, LF, HLF2, Neutrophil Lactoferrin.

Formulation:

LTF protein filtered (0.4µm) and lyophilized in 0.5 mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.

Purity:

Purity greater than 90% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

GRRRSVQWCA VSQPEATKCF QWQRNMRKVR GPPVSCIKRD SPIQCIQAI A ENRADAVTLD GGFYEAGLA
PYKLRPVAAE VYGTERQPRT HYYAVAVVKK GGSFQLNELQ GLKSCHTGLR RTAGWNVPIG TLRPFLNWTG
PPEPIEAAVA RFFSASCVPG ADKGQFPNLC RLCAGTGENK CAFSSQEPYF SYSGAFKCLR DGAGDVAFIR
ESTVFEDLSD EAERDEYELL CPDNTRKPV D KFKDCHLARV PSHAVVARSV NGKEDAIWNL LRQAQEKFGK
DKSPKFQLFG SPSGQKDLLF KDSAIGFSRV PPRIDSGLYL GSGYFTAIQN LRKSEEEVAA RRARVVWCAV
GEQELRKCQV WSGLSEGSVT CSSASTTEDC IALVLKGEAD AMSLDGGYVY TAGKCGLVVP LAENYKSQQS
SDPDNPNCVDR PVEGYLAVAV VRRSDTSLTW NSVKGKKSCH TAVDRTAGWN IPMGLLFNQT GSCKFDEYFS
QSCAPGSDPR SNLCALCIGD EQGENKCVPN SNERYGYTG AFRCLAENAG DVAFVKDVTV LQNTDGNNE
AWAKDLKLAD FALLCLDGKR KPVTEARSCH LAMAPNHAVV SRMDKVERLK QVLLHQQAKF GRNGSDCPDK
FCLFQSETKN LLFNDNTECL ARLHGKTTYE KYLGPQYVAG ITNLKCKSTS PLLEACEFLR K.