

32-4124: Canine Leucine-Rich Alpha-2-Glycoprotein 1

Alternative Name : Leucine-rich alpha-2-glycoprotein,LRG,LRG1,FLJ45787,HMFT1766.

Description

Source : Canine Serum. The Canine LRG1 produced from pooled Canine Serum has a molecular mass of 38.129kDa (calculated without glycosylation) containing 347 amino acid residues. LRG1 belongs to the leucine-rich repeat (LRR) family of proteins, which have been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. The LRG1 is expressed during granulocyte differentiation.

Product Info

Amount :	10 µg
Purification :	greater than 90% as determined by SDS-PAGE.
Content :	LRG1 protein filtered (0.4µm) and lyophilized in 0.5mg/ml in 20mM TRIS and 50mM NaCl, pH 8.0.
Storage condition :	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 :	MSPWSPERSQ SPGGLSSHLS KTL L L L L L L FSV ASAQGVTPDR DTCLVFPSSN GSSVSCHPPA KLP H H F P S D T V H L V V E F F N L T Q L R P D T L Q G V S N L Q E L H L S T N Q L E S L S P K L L L P V P L L K V L D L T R N A L T Q L P P G L F R V S A A L H T L V L K E N R L E V L E P S W L C G L K A L G H L D L S G N H L Q T L P P G L L A N V T A L R I L D L S N N Q L K T L P L D L L R G P L Q L E R L H L E G N R L Q V L E E G L L A P Q P G L R Y L F L S D N K L A A V A A G A F R G L Q Q L D M L D L S N N S L T S V P K G L W T S L G Q P T R D M E D G F D I S G N P W I C D H N L D D L Y R W L V A N K D K M F S R N D T R C A R P E A L K G Q T L L E A A E S H.

Application Note

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.

