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32-7689: Recombinant Human Proteoglycan 3/PRG3 (C-6His)

Gene : PRG3
Gene ID : 10394
Uniprot ID : Q9Y2Y8

Description

Source: Human Cells.
MW :24.6kD.
Recombinant Human Proteoglycan 3 is produced by our Mammalian expression system and the target gene encoding Leu18-Phe225 is expressed with a 6His tag at the C-terminus. Proteoglycan 3, also known as Eosinophil major basic protein homolog, Prepro-major basic protein homolog, PRG3 and MBPH, contains one C-type lectin domain. Proteoglycans are a major component of the animal extracellular matrix. PRG3 localizes to the eosinophil secondary granule and is expressed in bone marrow, not detected in placenta. PRG3 has similar cytotoxic and cytostimulatory activities to PRG2/MBP. In vitro, PRG3 can stimulate neutrophil superoxide production and IL8 release, histamine and leukotriene C4 release from basophils.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	LHLENDAPHLESLETQADLGQDLDSSKEQERDLALTEEVIQAEGEEVKASACQDNFEDEEAMESDPAALDKDF QCPREEDIVEVQGSPRCKTCRYLLVRTPKTFAEAQNVCSRCYGGNLVSIHDFNFNYRIQCCTSTVNQAQVWIG GNLRGWFLWKRFCWTDGSHWNFAYWSPGQPGNGQGSCVALCTKGGYWRRAQCDKQLPFVCSFVDHHHH HH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.