ACTIVE BIOSCIENCE
PROTEINS · CELLS · ANTIBODIES

Human GDF-15 / MIC-1 (glycosylated, HEK)

Synonyms: GDF-15, MIC1, MIC-1

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
20 µg	1437.955.020		
1 mg	1437.955.199		

Please enquire for bulk quantities and other vial sizes

Description

Human GDF-15 / MIC-1 (glycosylated; HEK) belongs to the TGF-ß cytokine family whose members play an important role during prenatal development and postnatal growth, remodeling and maintenance of a variety of tissues and organs. GDF-15/MIC-1 is expressed predominantly in placenta and to a much lesser extent in various other tissues. The presence of GDF-15/MIC-1 in amniotic fluid and its elevated levels in the sera of pregnant women suggest a role for GDF-15/MIC-1 in gestation and embryonic development. GDF-15/MIC-1 generally exerts tumor suppressive activities and is one of the predominant factors produced and secreted in response to activation of the p53 pathway. Interestingly, the serum level of MIC-1/ GDF-15 is positively correlated with neoplastic progression of several tumor types, including certain colorectal, pancreatic, and prostate cancers. Human GDF-15/MIC-1 is a disulfide linked homodimeric protein consisting of two 114 amino-acid polypeptide chains.

- **Source** HEK
- **Purity** ≥ 98 % (SDS-PAGE, HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Physical state** Sterile filtered, lyophilized

Stability

The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted GDF-15/MIC-1 should be stored in working aliquots at -20°C. **Please avoid repeated freeze-thaw cycles**.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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