
Recombinant Human PBEF / Visfatin / NAMPT Protein (His & GST Tag)**Cat.NO.: TP06205**

3th Edition

Synonyms:1110035O14Rik;PBEF;PBEF1;VF;VISFATIN

Description: Nicotinamide phosphoribosyltransferase (NAMPT), also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin, is an enzyme belonging to the family of glycosyltransferases, to be specific, the pentosyltransferases. This enzyme participates in nicotinate and nicotinamide metabolism. This enzyme catalyzes the condensation of nicotinamide with 5- phosphoribosyl-1- pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. NAMPT is also considered as an essential enzyme mediating granulocyte colony-stimulating factor (G-CSF)-triggered granulopoiesis in healthy individuals and in individuals with severe congenital neutropenia. Intracellular NAMPT and NAD⁺ amounts in myeloid cells, as well as plasma NAMPT and NAD⁺ levels, were increased by G-CSF treatment of both healthy volunteers and individuals with congenital neutropenia.

Form:PBS**Molecular Weight:**83.3 kDa**Sequences:**Met 1-His 491**Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.