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TP53I3, 1-332aa, Human, His tag, E.coli

产品货号: TP04278

第三版

**别名:**PIG3, Quinone oxidoreductase PIG3 p53 induced gene 3 protein, Putative quinone oxidoreductase, quinone oxidoreductase homolog, TP53I3, Tumor protein p53 inducible protein 3.

**描述:**TP53I3, also known as quinone oxidoreductase PIG3, is similar to oxidoreductases, which are enzymes involved in cellular responses to oxidative stresses and irradiation. It is localized to the cytoplasm and induced in primary, non-transformed and transformed cell cultures after exposure to genotoxic agents. This protein has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. Recombinant human TP53I3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

**分子量:**37.6 kDa (352aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMLAVHFDKPGGPNLYVKEVAKPSPGEGEVLLKVAASALNRADLMQRQGQYDPPPGAS  
NILGLEASGHVAELGPGCQGHWKIGDTAMALLPGGGQAQYVTVPEGLLMPIPEGLTLTQAAAIPAWLTAFLHLLVGN  
VQAGDYVLIHAGLSGVGTAAIQLTRMAGAIPLVTAGSQKKLQMAEKLGAAGFNKEDFSEATLKFTKGAGVNLILDCI  
GGSYWEKNVNCLALDGRWVLYGLMGGGDINGPLFSKLLFKRGLITSLLRSRDNKYQMLVNAFTEQILPHFSTEGPQRLL  
PVLDRYIPVTEIQEAHKYMEANKNIGKIVLELPQ

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.