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DPH2, 1-489aa, Human, His-tag, Baculovirus

产品货号: TP01915

第三版

别名:Diphthamide biosynthesis protein 2, DPH2, DPH2L2

**描述:**DPH2, also known as diphthamide biosynthesis protein 2, is a homodimer and each of its monomers can bind a [4Fe-4S] cluster. It is the target of ADP ribosylating diphtheria toxin (DT) and Pseudomonas exotoxin A (PE). It was identified by its ability to complement a diphthamide mutant strain, and thus functions in diphthamide biosynthesis. Its loss pre-activates NF- $\kappa$ B and death receptor pathways and renders MCF7 cells hypersensitive to tumor necrosis factor. Recombinant human DPH2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 1mM DTT, 20% glycerol.

**分子量:**53.1kDa (497aa), 50-70kDa (SDS-PAGE under reducing conditions)

**序列:**

MESMFSSPAEAAALQRETGVPGLLTPLPDLG VYELERVAGFVRDLGCERVALQFPDQLLGD AVAVAAARLEETTGSKMFI LG  
DTAYGCCVDVLGAEQAGAQUALIHFGPA CLSPPARPLPVAFVLRQRSVALELCVKAFE AQNPDPKAPVVLLSEPA CAHAL  
EALATLLRPRYL DLLVSSPAFPQPVGSL SPEPMLERFGRRFPLAPGRRLEEYGA FYVGGSKASPD PDLDPDLSRLLLGWAPG  
QPFSSCCPDTGKTQDEGARAGRLRARRR YLVERARDARVVGLLAGTLGVAQHREALAHLRNL TQAAGKRSYVLALGRPT  
PAKLANFPEVDV FVLLACPLGALAPQLSGS FFPILAPCELEAACNPAWPPPGLAPHLTHYADLL PGSPFHVALPPPESELWE  
TPDVSLITGDLR PPPAWKSSNDHGSLAL TPRPQLELAESSPAASFSSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSGL  
EHHHHHH

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Absorbance at 280nm)

**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.