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EPO1L, 24-468aa, Human, His tag, E.coli

产品货号: TP02036

第三版

别名:ERO1-like protein alpha, ERO1-alpha, ERO1A

描述:ERO1-like protein alpha, also known as EPO1L, is an essential oxidoreductase that oxidizes proteins and is required for the folding of immunoglobulins. EPO1L covalently binds with PDI (protein disulfide-isomerase) and together they produce disulfide bonds between proteins in the endoplasmic reticulum. EPO1L is stimulated by hypoxia, suggesting that it is regulated through the HIF (hypoxia inducible transcription factor) pathway. EPO1L is ubiquitously expressed at low levels but expressed at high levels in upper digestive tract and esophagus. Recombinant human EPO1L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量:54.4 kDa (468aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSEEQPPETAQAQRFCQVSGYLDDCTCDVETIDRFNNYRLFRLQKLLESDFRYK
NLKRPCPFWINDISQCGRRDCAVKPCQSDEVPDGIKSASYKYSEEANNLIEECEQAERLGAVDESLSSEETQKAVLQWTKHD
DSSDNFCEADDIQSPEAEYVDLLLNPERYTGYKGPDAWKIWNVIYEENCFKPQTIKRPLNPLASGQGTSEENTFYSWLEGL
CVEKRAFYLISGLHASINVHLSARYLLQETWLEKKWGHNITEFQQRFDGILTEGEGPRRLKNLYFLYLIELRALS KVL PFFER
PDFQLFTGNKIQDEENKMLLLEILHEIKSFPLHFDENSFFAGDKKEAHKLKEDFRLHFRNISRIMDCVGCFCRLWGKLQT
QGLGTALKILFSEKLIANMPESGPSYEFHLTRQEIVSLFNAFGRISTSVKELENFRNLLQNIH

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.