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CALR3, 20-384aa Human, His tag, E.coli

产品货号: TP01409

第三版

别名: Calreticulin 3, CRT2, FLJ25355, MGC26577

描述: Calreticulin 3, also known as CALR3, is a member of the calreticulin (CRT) family. It is calcium-binding chaperones that are localized to the endoplasmic reticulum or sarcoplasmic reticulum in eukaryotes. CALR3 assists in the calreticulin/calnexin cycle, where it is involved in protein-folding, oligomeric assembly and quality control in the ER. With specific expression in testis, CALR3 has been implicated as a cancer-testis antigen due to its frequent expression in various cancers. Recombinant human CALR3 protein was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 43 kDa (366aa)

序列:

MTVYFQEEFLDGEHWRNRWLQSTNDSRFGHFRLSSGKFYGHKEKDKGLQTTQNGRFYAISARFKPFSNKGKTLVIQYTV
KHEQKMDCGGGYIKVFPADIDQKNLNGKSQYYIMFGPDICGFDIKKVHVILHFKNKYHENKKLIRCKVDGFTTHLYTLILR
PDLSDVKIDGQSIESGSIEYDWNLTSLKKETSPAESKDWEQTKDNKAQDWEKHFLDASTSKQSDWNGDLGDGWPAPML
QKPPYQDGLKPEGIHKDVWLHRKMKNTDYLTQYDLSEFENIGAIGLELWQVRSGTIFDNFLITDDEEYADNFGKATWGE
TKGPEREMDAIQAKEEMKKAREEEEEELLSGKINRHEHYFNQFHRRNEL

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.