

## 32-2908: UFC1 Recombinant Protein

**Alternative Name :** Ubiquitin-fold modifier-conjugating enzyme 1,Ufm1-conjugating enzyme 1,UFC1,CGI-126,HSPC155.

### Description

Source : Escherichia Coli. UFC1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (1-167 a.a.) and having a molecular mass of 21.6kDa.UFC1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. UFC1 is a member of the ubiquitin-conjugating enzyme family. UFC1 is an E2-like conjugating enzyme for ubiquitin-fold modifier-1. UFM1 is activated by UBA5 (a novel E1-like enzyme) by forming a high-energy thioester bond. Activated UFM1 is subsequently transferred to its cognate E2-like enzyme, UFC1, in a similar thioester linkage.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	UFC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	UFC1 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MADEATRRVV SEIPVLKTNA GPRDRELWVQ RLKEEYQSLI RYVENNKNAD NDWFRLESNK EGTRWFGKCW YIHDLKYEY DIEFDIPITY PTTAPEIAVP ELDGKTAKMY RGGKICLTDH FKPLWARNVP KFGLAHLMAL GLGPWLAVEI PDLIQKGVQI HKEKCNQ.

