**6WUT- Mitochondrial SAM complex ,**

**Omp85 domain-containing protein**

**Code Amino 47 to 512 (466AA)**

**6WUT-Native**

**STLEVHGATNTRRSLLDQIFKPVLEDTAAAGTTLGQVLDRVGAATKKLARFDIFKEEGFGVFLSEAAPPQSAPPTDRTDLDISIRVKEKSRLVFSAGTDFGNAEGSAYTNAVVRNIFGGAETLTVNASTGTRTRSAYNATFSTPINGNPDLRLSVEALRSATQKPWASHEEHLTGANLRLAWLTEKGDTHALAYSSVWRQLTGLAPTASPTVRADAGDSLKSSLTHTFTRDRRDNPMLPQSGYLFRSVSELAGWGPLNGDVSFAKTEVEASGALPVAIPGLAGKSGVSVGGGLRLGVLYPLPLGYSLTGAAQPSRINDRFQLGGPNDVRGFKIGGLGPHDGVDAVGGDVFAAGSVNALLPLPRTGPDSPLRLQLYANAGRLVALNSKGTDKEGKEGLAMDSAAVFKGVKSAVGKLTNGIPSLAAGVGLVYAHPVARFELNFSLPLVLRRGEEGRKGLQVGVGISFL**

**QTY variant-6WUT**

**QTY VARIANT 50 CHANGED AMINO ACIDS** [L->Q. I,V->T.,F->Y]

50/466 AA=10.7%

**STQETHGATNTRRSLLDQIFKPVLEDTAAAGTTLGQVLDRVGAATKKLARFDIFKEEGFGTFLSEAAPPQSAPPTDRTDLDTSTRVKEKSRQTYSAGTDFGNAEGSAYTNATTRNIFGGAETQTTNASTGTRTRSAYNATYSTPINGNPDLRQSTEAQRSATQKPWASHEEHQTGANQRLAWQTEKGDTHAQAYSSVWRQQTGLAPTASPTVRADAGDSLKSSLTHTYTRDRRDNPMLPQSGYQYRSTSELAGWGPLNGDVSYAKTETEASGAQPVAIPGLAGKSGVSTGGGQRQGTQYPLPLGYSLTGAAQPSRINDRFQLGGPNDVRGFKIGGLGPHDGVDAVGGDTYAAGSTNALQPLPRTGPDSPLRQQLYANAGRQTALNSKGTDKEGKEGLAMDSAAVFKGVKSAVGKLTNGIPSQAAGTGLVYAHPVARYELNYSQPLTQRRGEEGRKGQQVGTGISFL**