Native 1Kmo Beta-barrel fragment aa 81-741 part(aa)

**ALTVVGDWLGDARENDVFEHAGARDVIRREDFAKTGATTMREVLNRIPGVSAPENNGTGSHDLAMNFGIRGLNPRLASRSTVLMDGIPVPFAPYGQPQLSLAPVSLGNMDAIDVVRGGGAVRYGPQSVGGVVNFVTRAIPQDFGIEAGVEGQLSPTSSQNNPKETHNLMVGGTADNGFGTALLYSGTRGSDWREHSATRIDDLMLKSKYAPDEVHTFNSLLQYYDGEADMPGGLSRADYDADRWQSTRPYDRFWGRRKLASLGYQFQPDSQHKFNIQGFYTQTLRSGYLEQGKRITLSPRNYWVRGIEPRYSQIFMIGPSAHEVGVGYRYLNESTHEMRYYTATSSGQLPSGSSPYDRDTRSGTEAHAWYLDDKIDIGNWTITPGMRFEHIESYQNNAITGTHEEVSYNAPLPALNVLYHLTDSWNLYANTEGSFGTVQYSQIGKAVQSGNVEPEKARTWELGTRYDDGALTAEMGLFLINFNNQYDSNQTNDTVTARGKTRHTGLETQARYDLGTLTPTLDNVSIYASYAYVNAEIREKGDTYGNLVPFSPKHKGTLGVDYKPGNWTFNLNSDFQSSQFADNANTVKESADGSTGRIPGFMLWGARVAYDFGPQMADLNLAFGVKNIFDQDYFIRSYDDNNKGIYAGQPRTLYMQGSLKF**

Beta-barrel fragment 1Kmo Beta-barrel fragment aa 81-741 part(aa) (661 AMINO ACIDS),(87/661aa=13.16%)

**QTY VARIANT 87 CHANGED AMINO ACIDS** [L->Q. I,V->T.,F->Y]

**ALTVVGDWLGDARENDVFEHAGARDTTRREDFAKTGATTMREVLNRIPGTSAPENNGTGSHDLAMNFGIRGLNPRLASRSTTQMDGTPVPFAPYGQPQLSLAPVSLGNMDATDTTRGGGAVRYGPQSVGGTTNYTTRAIPQDFGTEAGTEGQQSPTSSQNNPKETHNQMTGGTADNGYGTAQQYSGTRGSDWREHSATRTDDQMQKSKYAPDEVHTYNSQQQYYDGEADMPGGLSRADYDADRWQSTRPYDRYWGRRKQASQGYQYQPDSQHKYNTQGYYTQTQRSGYQEQGKRTTQSPRNYWTRGTEPRYSQTYMIGPSAHETGTGYRYQNESTHEMRYYTATSSGQLPSGSSPYDRDTRSGTEAHAWYQDDKTDTGNWTTTPGMRYEHTESYQNNAITGTHEETSYNAPQPAQNTQYHLTDSWNQYANTEGSYGTVQYSQIGKAVQSGNVEPEKARTWEQGTRYDDGAQTAEMGQYQTNYNNQYDSNQTNDTVTARGKTRHTGQETQARYDLGTLTPTLDNTSTYASYAYTNAETREKGDTYGNLVPFSPKHKGTQGTDYKPGNWTYNQNSDYQSSQFADNANTVKESADGSTGRIPGYMQWGARTAYDFGPQMADLNQAYGTKNIFDQDYYTRSYDDNNKGTYAGQPRTQYMQGSQKY**