

HMG

White powder in sealed vial

Expected MW:

FSH+LH alpha (10642.21 Da):

VLHSAPDVQDCPECTLQENPFFSQPGAPILQCMGCCFSRAYPTPLRSKKTMLVQKNVTSESTCCVAKSYNRVTVM
GGFKVENHTACHCSTCYHKS

FSH beta (12485.11 Da):

NSCELTNITIAIEKEECRFCISINTTWCAGYCYTRDLVYKDPARPKIQKTCTFKELVYETVRVPGCAHHADSLYTYPVAT
QCHCGKCDSDSTDCTVRGLGPSYCSFGEMKE

LH beta (13202.5 Da):

SREPLRPWCHPINAILAVEKEGCPVCITVNTTICAGYCPTMMRVLQAVLPPLPQVVCTYRDVRFESIRLPGCPRGVD
PVVSFPVALSCRCGPCRRSTSDCGGPKDHPLTCDHPQLSGLLFL

Found: 10649 Da, 12383 and 13241 Da with multiple glycosylation variants as the dominant macromolecular masses.

Observed masses match the HMG constituent proteins.

Amino acid analysis: Vial contains 7.8 ± 0.3 μg of protein.

