

CERTIFICATE OF ANALYSIS

Endoproteinase Glu-C (V8 proteinase)	Cat.No. :	20986
MS approved from Staphylococcus aureus lyophil. E.C. 3.4.21.19	Contr.No.:	121305

Parameter	Method	Specification	Result
Appearance		white lyophilisate	corresponds

Procedure

A sample of 1.0 µg myoglobin was enzymatically digested in solution overnight with Endoproteinase Glu-C using an ammonium bicarbonate buffer system. Then, the digest was spotted onto a MALDI target, followed by CHCA matrix. The following sequences were identified as a result of MS analysis by AB SCIEX 4800 MALDI-TOF/TOF mass spectrometer and database searched by ProteinPilot software.

Protein Score 1260

Sequence Coverage (%) 100

Sequence	MS	Mass Calculated	
M.GLSDGEWQQVLNVWGKVE.A		2043.0	2043.9
E.WQQVLNVWGKVE.A		1484.8	1485.7
E.ADIAGHGQEV LIRLFTGHPE.T		2159.1	2160.0
E.VLIRLFTGHPE.T		1280.7	1281.7
E.VLIRLFTGHPETLE.K		1623.9	1624.9
E.TLEKFDKFKHLKTE.A		1763.0	1763.9
E.KFDKFKHLKTE.A		1419.8	1420.8
E.KFDKFKHLKTEAE.M		1619.9	1620.8
E.MKASEDLKKHGTVVLTALGGILKKKGHHE.A		3124.8	3125.6
E.DLKKHGTVVLTALGGILKKKGHHEAE.L		2778.6	2779.5
E.AELKPLAQSHATKHKIPIKYLE.F		2514.4	2515.3
E.FISDAIIHVLHSHKHPGDFGADAQGMATKALE.L		3275.6	3276.4
E.LFRNDIAAKYKE.L		1466.8	1467.8
E.LFRNDIAAKYKELGFQG.-		1969.0	1970.0

Minimum shelf life 11/ 2015

Storage (°C) -15 to -25

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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