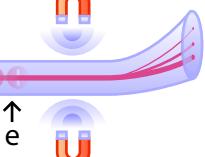


Unidentified protein  
extracted from gel



Split into fragments  
of 5-10 amino acids



Determine mass  
using MS (Mass  
Spectrometry)



Determine amino  
acid sequence and  
compare with sequ-  
ence database



Protein Identified

MDISTLTASEEIE  
MEIDAEIEIIMAT  
IDLAEDLISLFM  
DDMFSSSIDLESI  
NFEIFNSSDIDS  
NIDLESIEEIEIMF  
EEIEIMATIFNNS  
DIDIMMDIMMD  
SINFEIFNSSDIDI  
MMDATIDLAED  
LISLFMDDMFSS  
IDLESINEEIFNNS



Sequence  
Database