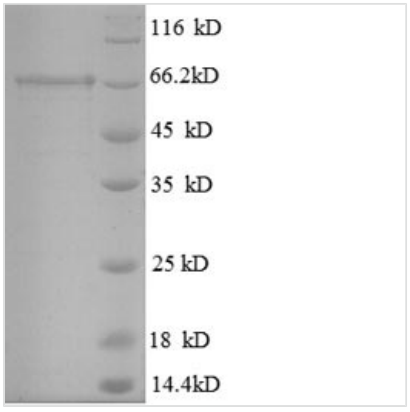
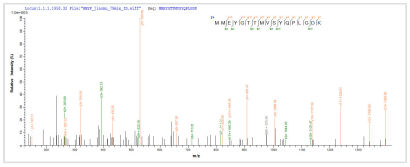
Recombinant Mouse Glutamate decarboxylase 2(Gad2)

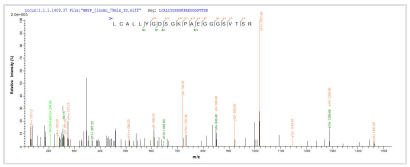
Product Code	CSB-EP009160MO
Relevance	Catalyzes the production of GABA.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P48320
Storage Buffer	Tris-based buffer,50% glycerol
Alias	65 kDa glutamic acid decarboxylase ;GAD-65Glutamate decarboxylase 65 kDa isoform
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MASPGSGFWSFGSEDGSADPENPGTARAWCQVAQKFTGGIGNKLCALLYGD SGKPAEGGGSVTSRAATGKVACTCDQKPCNCPKGDVNYAFLHATDLLPACD GERPTLAFLQDVMNILLQYVVKSFDRSTKVIDFHYPNELLQEYNWELADQPQN LEEILTHCQTTLKYAIKTGHPRYFNQLSTGLDMVGLAADWLTSTANTNMFTYEI APVFVLLEYVTLKKMREIIGWPGGSGDGIFSPGGAISNMYAMLIARYKMFPEVK EKGMAAVPRLIAFTSEHSHFSLKKGAAALGIGTDSVILIKCDERGKMIPSDLERR ILEVKQKGFVPFLVSATAGTTVYGAFDPLLAVADICKKYKIWMHVDAAWGGGL LMSRKHKWKLSGVERANSVTWNPHKMMGVPLQCSALLVREEGLMQSCNQM HASYLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRAKGTTGFEAHID KCLELAEYLYTIIKNREGYEMVFDGKPQHTNVCFWFVPPSLRTLEDNEERMSR LSKVAPVIKARMMEYGTTMVSYQPLGDKVNFFRMVISNPAATHQDIDFLIEEIE RLGQDL
Research Area	Others
Source	E.coli
Gene Names	Gad2
Expression Region	1-585aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	69.2kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP009160MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Gad2.



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