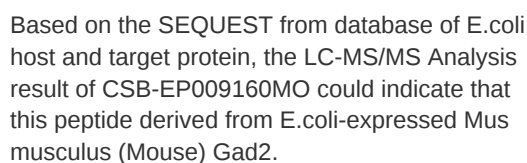
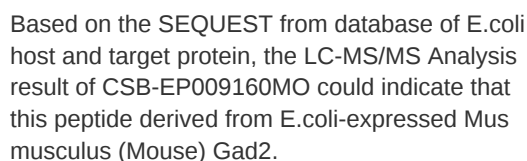
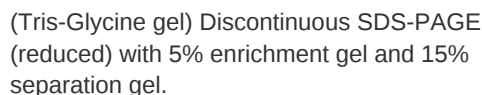




Recombinant Mouse Glutamate decarboxylase 2 (Gad2)

Product Code	CSB-EP009160MO
Relevance	Catalyzes the production of GABA.
Abbreviation	Recombinant Mouse Gad2 protein
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
Alias	65 kDa glutamic acid decarboxylase ;GAD-65Glutamate decarboxylase 65 kDa isoform
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MASP GSGFWSFG SEDGSADPENPGTARAWCQVAQKFTGGIGNKLCALLYGD SGKPAEGGGSVTSRAATGKVACTCDQKPCNCPKGDVNYAFLHATDLLPACD GERPTLAFLQDVMNILLQYVVKSFDRSTKVIDFHYPNELLQEYNWELADQPQN LEEILTHCQTTLKYAIKTGHPRYFNQLSTGLDMVGLAADWLTSTANTNMFTYEI APV FVLLEYVTLKKMREIIGWPGGSGDGIFSPGGAISNMYAMLIARYKMFPEVK EKGMAAVPRLIAFTSEHSHFSLKKGAAALGIGTDSVILIKCDERGKMIPSDLERR ILEV KQKGFVPFLVSATAGTTVYGAFDPLLAVADICKKYKIWMHVDAAWGGGL LMSRKHKWKLSGVERANSVTWNPHKMMGVPLQCSALLVREEGLMQSCNQM HASYLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRAKGTTGFEAHID KCLELAEYLYTIIKNREGYEMVFDGKPQHTNVCFWFVPPSLRTLEDNEERMSR LSKVAPVIKARMMEYGTMMVSYQPLGDKVNFFRMVISNPAATHQDIDFLIEEIE RLGQDL
Research Area	Others
Source	E.coli
Target 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 Length	Full Length
Image	



We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.