



Recombinant Mouse Dexamethasone-induced Ras-related protein 1 (Rasd1)

Product Code	CSB-EP019354MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35626
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MKLAAMIKKM CPSDSELSIP AKNCYRMVIL GSSKVGKTAI VSRFLTGRFE DAYTPTIEDF HRKFYSIRGE VYQLDILDTS GNHPFPAMRR LSILTGDVFI LVFSLDNRDS FEEVQRLKQQ ILDTKSCLKN KTKENV DVPL VICGNKGDRD FYREVEQREI EQLVGDDPQR CAYFEISAKK NSSLDQMFRA LFAMAKLPSE MSPDLHRKVS VQYCDVLHKK ALRNKLLRA GSGGGGDHGD AFGILAPFAR RPSVHSDLMY IREKTSVGSQ AKDKERC
Source	E.coli
Target Names	Rasd1
Protein Names	Recommended name: Dexamethasone-induced Ras-related protein 1
Expression Region	1-277
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a Ras-related protein that is stimulated by dexamethasone. The exact function of this gene is unknown, but it may play a role in dexamethasone-induced alterations in cell morphology, growth and cell-extracellular matrix interactions. In addition, studies of a similar rat protein suggest that it functions as a novel physiologic nitric oxide (NO) effector. The gene product belongs to the Ras superfamily of small GTPases.
Reconstitution	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.
Shelf Life	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.