



Recombinant Human B9 domain-containing protein 2 (B9D2)

Product Code	CSB-EP861077HU-B
Abbreviation	B9D2
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.	Q9BPU9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEVHVGQI IGASGFSESS LFCKWGIHTG AAWKLLSGVR EGQTQVDTPQ IGDMAYWSHP IDLHFATKGL QGWPRLHFQV WSQDSFGRCQ LAGYGFCHVP SSPGTHQLAC PTWRPLGSRW EQLARAFVGG GPQLLHGDTI YSGADRYRLH TAAGGTVHLE IGLLLRNFRD YGVEC
Source	E.coli
Target Names	B9D2
Protein Names	Recommended name: B9 domain-containing protein 2 Alternative name(s): MKS1-related protein 2
Expression Region	1-175
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 B9 domain protein, which are exclusively found in ciliated organisms. The gene is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects.
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.