



# Recombinant Human Leucine-rich repeat protein 1 (LRR1)

<b>Product Code</b>	CSB-EP836247HU-B
<b>Abbreviation</b>	LRR1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q96L50
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKLHCEVEVI SRHLPALGLR NRGKGVRAVL SLCQQTSRSQ PPVRAFLIS TLKDKRGTRY ELRENIEQFF TKFVDEGKAT VRLKEPPVDI CLSKAISSSL KGFLSAMRLA HRGCNVDPV STLTVPKTSE FENFKTKMVI TSKKDYPLSK NFPYSLEHLQ TSYCGLVRVD MRMLCLKSLR KLDLSHNIHK KLPATIGDLI HLQELNLNDN HLESFSVALC HSTLQKSLRS LDLSKNKIKI LPVQFCQLQE LKNLKLDDNE LIQFPCKIGQ LINLRFLSAA RNKLPFLPSE FRNLSLEYLD LFGNTFEQPK VLPVIKLQAP LTLLESSART ILHNRIPIYGS HIIPFHLCQD LDTAKICVCG RFCLNSFIQG TTTMNLHSA HTVVLDNLG GTEAPIISYF CSLGCVVNSS DMLK
<b>Source</b>	E.coli
<b>Target Names</b>	LRR1
<b>Protein Names</b>	Recommended name: Leucine-rich repeat protein 1 Alternative name(s): 4-1BB-mediated-signaling molecule 4-1BB <sub>lrr</sub> LRR-repeat protein 1 Short name= LRR-1 Peptidylprolyl isomerase-like 5
<b>Expression Region</b>	1-414
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein contains a leucine-rich repeat (LRR). It specifically interacts with TNFRSF9/4-1BB, a member of the tumor necrosis factor receptor (TNFR) superfamily. Overexpression of this gene suppresses the activation of NF-kappa B induced by TNFRSF9 or TNF receptor-associated factor 2 (TRAF2), which suggests that this protein is a negative regulator of TNFRSF9-mediated signaling cascades. At least three alternatively spliced transcript variants encoding distinct isoforms have been observed.

**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**

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