



# Recombinant Human Down syndrome critical region protein 4 (DSCR4)

<b>Product Code</b>	CSB-EP007197HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P56555
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSLIILTRDD EPRIFTPDSD AASPALHSTS PLPDPASASP LHREEKILPK VCNIVSCLSF SLPASPTDSG LASPTITRE GQQFWAKCLI WKYQLYLHGL HKKSDGRRDK QISASPST
<b>Source</b>	E.coli
<b>Target Names</b>	DSCR4
<b>Protein Names</b>	Recommended name: Down syndrome critical region protein 4 Alternative name(s): Down syndrome critical region protein B
<b>Expression Region</b>	1-118
<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>	The region of chromosome 21 between genes CBR and ERG (CBR-ERG region), which spans 2.5 Mb on 21q22.2, has been defined by analysis of patients with partial trisomy 21. It contributes significantly to the pathogenesis of many characteristics of Down syndrome, including morphological features, hypotonia, and mental retardation. This gene is found in this region and multiple transcripts may exist. It is mainly expressed in the placenta.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.