6044 Cornerstone Court West, Suite E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

Human CD46-C, His-tag

Human recombinant, C-terminal His-tag
Catalog #:71231
Lot #: 150520-D **Conc.:** 1.0 mg/ml

Formulated in: 8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: At least 6 months at –80°C. *Avoid freeze/thaw cycles. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

References:

1. Liszewski, MK., Atkinson, JP., *J. Immunol.* 1996; **156(11)**:4415-4421.
2. Gerlier, D., *et al., Gen. Virol.* 1994. **75(Pt 9)**:2162-2171.

Description: Human CD46-C, also known as membrane co-factor protein, GenBank Accession No. BC_030594, a.a. 35–285 and 301–328 with C-terminal His-tag, expressed in a HEK293 cell expression system. MW = 35.2 kDa (precursor), 32.8 kDa (mature). *Note: this protein is expressed with a 34 amino acid signal sequence that is cleaved after secretion and is heavily glycosylated, resulting in a protein that runs at a higher apparent MW.*

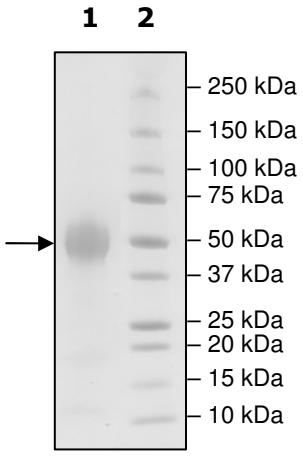
Application: Useful for studies of protein function and protein-protein interaction.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg CD46-C
Lane 2:
Protein Marker

MW: 32.8 kDa +glycans
Purity: ≥90%



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Sequence

MEPPGRRECPFPSWRFPGLLLAAMVLLLYSFSDACEEPPTFEAMELIGKPKPYYEIGERVDYKC
KKGYFYIPPLATHTICDRNHTWLPVSDDACYRETCPYIRDPLNGQAVPANGTYEFGYQMHFICNE
GYYLIGEEILYCELKGSVAIWSGKPPICEKVLCTPPPKIKNGKHTFSEVEVFEYLDAVTYSCDPAP
GPDPFSLIGESTIYCGDNSVWSRAAPECKVVKCRFPVVENGKQISGFGKKFYYKATVMFECDKG
FYLDGSDTIVCDSNSTWDPPVPKCLKGPRPTYKPPVSNYPGYPKPEEGILDSLDHHHHHHHHHH

Blue: Signal sequence
Black: CD46-C (a.a. 35 – 285; 301 – 328)
Red: 10x His