6042 Cornerstone Court W, Ste B
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Data Sheet

CD112R, Fc-Fusion, Avi-Tag

Human, Recombinant, C-terminal Fc-Fusion-Avi-Tag,
Catalog #: 79116
Lot #: 170828-G **Conc.:** 0.37 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. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

References:

1. Bottino, C., *et al., J. Exp. Med*. 2003; 198(4): 557-567.
2. Pende, D., *et al., Blood.* 2005; 105(5): 2066-2073.

Description:
Human secreted CD112R, also known as Poliovirus Receptor-related Immunoglobulin Domain-containing Protein (PVRIG), GenBank Accession No. NM_024070, a.a. 41-172, with C-terminal Fc-Fusion-Avi-tag, expressed in a HEK293 cell expression system. MW=42 kDa.

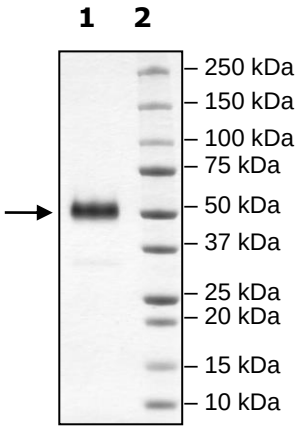
Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1: CD112R (3.5ug)
Lane 2: Protein Marker

MW: 42 kDa

Purity: ≥90%



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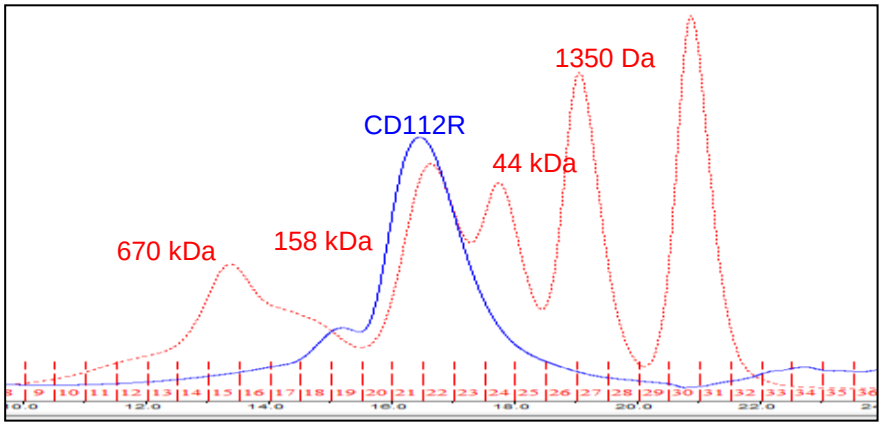
Sequence

TPEVWVQVRMEATELSSFTIRCGFLGSGSISLVTVSWGGPNGAGGTTLAVLHPER
GIRQWAPARQARWETQSSISLILEGSGASSPCANTTFCCKFASFPEGSWEACGSL
PPSSDPGLSAPPTPAPILRADLIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLF
PPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYS
KLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKGGGLNDIFEAQKIEWH
E

Black: CD112R (41-172)
Blue: Linker
Green: Fc
Red: Avi

Gel Filtration Curve



<10% Aggregation

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