

PROTEINS OF
IMMUNOLOGICAL
INTEREST

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16
S479p
1983
OVERSIZE

- 6; 20 Position -1 of 145'CL (precursor heavy chains) should be Phe.
- 15; 31 Pau and Paul are the same protein.
35
- 54; 204 The antibody specificities for 10K44-7A1 and 10K26-12A1 (mouse kappa
205 light chains) should be by anti-p-azobenzene arsonate.
- 65; 13 SAPC178 and SAPC176 (mouse lambda light chains) should be named as S178
16 and S176.
- 65; 4 References for HOPC1, J698, H2061, S176, and H2020 (mouse lambda light
5 chains) should be Weigert, M., Cesari, I.M., Yonkovich, S.J. & Cohn, M.
6 (1970) Nature, 228, 1045-1047.
16
17
- 65; 7 References for W3159 and MOPC511 (mouse lambda light chains) should be
12 Cesari, I.M. & Weigert, M. (1973) Proc. Natl. Acad. Sci. U.S.A., 70,
2112-2116.
- 65; 2 J558, XS104, and S178 (mouse lambda light chains) were sequenced
3 completely, while HOPC1, J698, H2061, S176, H2020, W3159, and MOPC511
13 (mouse lambda light chains) were analyzed by amino acid sequence
compositions.
- 66; 26 There is an additional reference to TEPC952 and MA8-13 (mouse lambda
27 light chains) i.e., Elliott, B.W., Jr., Steiner, L.A. & Eisen, H.N.
(1981) Fed. Proc., 40, 1098.
- 67; The statement in the notes of mouse lambda light chains, "The order of
the genes has been determined as V1-J3-C3-J1-C1-V2-J2-C2-J4-C4," should
be replaced by "There are two linkage groups: J3-C3-J1-C1 and
J2-C2-J4-C4."
- 111; 23 Positions 13 and 14 of CAM (human heavy chain subgroup III) should be
Gln and Lys respectively.
- 168; 30 Position 171 of S43'CL (light constant chain) should be Asn.
- 168; 35 Positions 142 and 143 of MOPC315 (light constant chain) should be Ser
and Gly respectively, based on the translation from nucleotide sequences
(Bothwell, A.L.M., Paskind, M., Roth, M., Imanishi-Kari, T., Rajewsky,
K. & Baltimore, D. (1982) Nature, 298, 380-382; Wu, G.E., Govindi, N.,
Hozumi, N. & Murialdo, H. (1982) Nucl. Acids Res., 10, 3831-3843).
- 185; 52 Positions 258 and 263 of MOPC173 (heavy constant chain) have been
revised by the authors to Pro and Val respectively.
- 246; The position numbering for the codons of light chain variable region
should read as 95, 95A, 95B, 95C, 95D, 95E, 95F, 96, and 97.

The human kappa J-segments (Hieter, P.A., Maizel, J.V., Jr. & Leder, P. (1982) J. Biol. Chem., 257, 1516-1522) are as follows:

	J1	J2	J3	J4	J5
96	TGG TRP	TAC TYR	TTC PHE	CTC LEU	ATC ILE
97	ACG THR	ACT THR	ACT THR	ACT THR	ACC THR
98	TTC PHE	TTT PHE	TTC PHE	TTC PHE	TTC PHE
99	GGC GLY	GGC GLY	GGC GLY	GGC GLY	GGC GLY
100	GAA GLN	CAG GLN	CCT PRO	GGA GLY	CAA GLN
101	GGG GLY	GGG GLY	GGG GLY	GGG GLY	GGG GLY
102	ACC THR	ACC THR	ACC THR	ACC THR	ACA THR
103	AAG LYS	AAG LYS	AAA LYS	AAG LYS	CGA ARG
104	GTG VAL	CTG LEU	GTG VAL	GTG VAL	CTG LEU
105	GAA GLU	GAG GLU	GAT ASP	GAG GLU	GAG GLU
106	ATC ILE	ATC ILE	ATC ILE	ATC ILE	ATT ILE
107	AAA LYS	AAA LYS	AAA LYS	AAA LYS	AAA LYS
108	CGT ARG	CGT ARG	CGT ARG	CGT ARG	CGT ARG

Tabulation and Analysis of
Amino Acid and Nucleic Acid Sequences of
Precursors, V-Regions, C-Regions, J-Chain,
 β_2 -Microglobulins, Major Histocompatibility Antigens,
Thy-1, Complement, C-Reactive Protein, Thymopoietin,
Post-gamma Globulin, and α_2 Macroglobulin

1983

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The collection and maintenance of this data base is sponsored through Contract N01-RR-8-2118
by the following components of the National Institutes of Health, Bethesda, MD 20205:

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