The group G is isomorphic to the group labelled by [120, 34] in the Small Groups library.
Ordinary character table of $G \cong$ S5:

	$1a$	$2a$	$3a$	$5a$	$2b$	$4a$	$6a$
χ_1	1	1	1	1	1	1	1
χ_2	1	1	1	1	−1	−1	−1
χ_3	6	−2	0	1	0	0	0
χ_4	4	0	1	−1	2	0	−1
χ_5	4	0	1	−1	−2	0	1
χ_6	5	1	−1	0	1	−1	1
χ_7	5	1	−1	0	−1	1	−1

Trivial source character table of $G \cong$ S5 at $p = 3$:

Normalisers N_i	N_1					N_2			
p-subgroups of G up to conjugacy in G	P_1					P_2			
Representatives $n_j \in N_i$	$1a$	$2b$	$2a$	$4a$	$5a$	$1a$	$2a$	$2b$	$2c$
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7$	6	0	2	2	1	0	0	0	0
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7$	6	0	2	−2	1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7$	6	0	−2	0	1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7$	9	3	1	−1	−1	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7$	9	−3	1	1	−1	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7$	1	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7$	4	−2	0	0	−1	1	−1	1	−1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7$	4	2	0	0	−1	1	1	−1	−1
$0\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7$	1	−1	1	−1	1	1	−1	−1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(3,4,5)]) \cong$ C3

$N_1 = SymmetricGroup([1..5]) \cong$ S5
$N_2 = Group([(1,2),(3,4,5),(4,5)]) \cong$ D12