| Parameters               | n  |
|-------------------------|----|
| Gender                  |    |
| Female                  | 23 |
| Male                    | 27 |
| Age (years)             |    |
| <50                     | 20 |
| ≥50                     | 30 |
| Smoking history         |    |
| Yes                     | 31 |
| No                      | 19 |
| Clinical stage          |    |
| I                       | 12 |
| II                      | 11 |
| III                     | 16 |
| IV                      | 11 |
| T stage                 |    |
| T1                      | 14 |
| T2                      | 13 |
| T3                      | 14 |
| T4                      |  9 |
| Primer                        | Sequence                              |
|-------------------------------|---------------------------------------|
| NT5E(CD73) promoter-F         | 5' - GTACCCACAGATACCAGGCAATG-3'       |
| NT5E(CD73) promoter-R         | 5' - GTTTGTGGTTGCGCTAGCTC-3'          |
| NT5E(CD73) promoter-mut-F     | 5' - ATGGCCCCCAGGCCTGGATTTACAATCTCCGAACCTCAG-3' |
| NT5E(CD73) promoter-mut-R     | 5' - AATCATCCAGGCCTGGGGGCCATGCAGTTTGAGGAG-3' |
| NT5E(CD73)-P1-F               | 5' - CTTGGCCTAAGGACAGACTG 3'         |
| NT5E(CD73)-P1-R               | 5' - AGTTCAAGGTTGCAGAAAUGTG-3'       |
| NT5E(CD73)-P2-F               | 5' - CATTAGAGGTGTCCAGAGAC-3'         |
| NT5E(CD73)-P2-R               | 5' - TGACCTGAGGGTTCCAGAGTGG-3'       |
| NT5E(CD73)-P3-F               | 5' - CTCAGCTCGCTCATTTTCTTC-3'        |
| NT5E(CD73)-P3-R               | 5' - CTCTGAGTCTCGCCCTATTCG-3'        |
| GAPDH-F                       | 5' - ATTCCACCCATGGGCAATTC-3'         |
| GAPDH-R                       | 5' - TGGGATTTCATTGATGACAAG-3'        |
Supplementary Figures legends

Figure S1. Protein chip detection in four matched NPC tissues and paracancerous tissues

Figure S2. MSC promote NPC cell lines CNE-1 and CNE-2 cell proliferation

Cell viability of CNE-1 (A) and CNE-2 (B) under treatment of MSC-conditioned medium. *, \( P < 0.05 \); **, \( P < 0.01 \); ***, \( P < 0.001 \).

Figure S3. Detection of cytokine secreted by MSC via cytokine antibody array.

Detection of supernatant cytokine secreted by CNE-2, MSC, CNE-2 mixed MSC co-culture(1:1) (A). Differential cytokine analysis between CNE-2 mixed MSC co-culture(1:1) and CNE-2 (B). Differential cytokine analysis between CNE-2 mixed MSC co-culture(1:1) and MSC (C). Differential cytokine analysis between MSC and CNE-2 (D).

Supplementary Figures

![Graph showing relative expression](image)

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